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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

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BULLETIN No. 264

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FERTILIZERS, 1913.

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OTTAWA, 21st October, 1913.

WM. HIMSWORTH, Esq.,  
Deputy Minister,  
Inland Revenue.

SIR,—I beg to hand you a report upon 431 samples of Fertilizers obtained by our inspectors during March and April of this year.

The analytical work upon these has been completed for some months past; and delay in presenting this Report is due to protracted correspondence with dealers and others, in an attempt to clear up difficulties of identification, arising mainly through carelessness on the part of dealers, but in some cases due to mistakes made by our own inspectors. I cannot say that all difficulties referred to have been satisfactorily solved, and from this fact arises some degree of uncertainty in pronouncing as to the results of analysis.

So far as information is available to me, the following synopsis represents these results:—

Samples meeting their guarantee.. . . .	358
“ nearly meeting their guarantee.. . . .	27
“ not registered, or not sufficiently identified.. . . .	25
“ showing deficiency.. . . .	21
Total.. . . .	431

When one considers the simplicity of our Fertilizers Act and the clearness with which its requirements are stated in the Act itself, together with the fact that it has now been three years in operation, it seems very strange that any difficulty should be found in carrying it quite definitely into effect. It may be well to state, in plain terms, the requirements of the Act and the conditions under which alone it can be made effective.

The Act is primarily intended to protect the purchaser of fertilizers by assuring him of the actual values of what he buys.

With this object in view we endeavour, through our inspectors, to obtain samples of all brands of fertilizers found on Canadian markets. The sample is always taken by our inspector in the presence of the vendor, whose privilege it is to see that our inspector obtains a representative sample of the fertilizer in question. Our inspector is properly instructed in the matter; but he requires to have the vendor present; and the vendor is either the manufacturer, or is an agent of the manufacturer; and as such is interested in seeing that a truly representative sample is taken.

It must not be forgotten that the results of analysis apply not to the whole output of the manufacture, but to that portion of the goods which comes into possession of the Analyst. Yet, upon the result of analysis of this portion, must be based the action of the Department; and the importance of securing a truly representative sample is therefore evident.

It is the duty of the dealer to see that he offers only a properly registered and tagged (or otherwise labelled) fertilizer for sale.

It is his duty to see that the tag is legible, and that it belongs to the very package to which it is attached.

The registration number constitutes a legal identification of the brand; and the manufacturer is responsible, inasmuch as he must furnish an article having the guaranteed values registered at the Department in connection with the number on the tag.

Any question of properly applying tags, labels or registration numbers to particular packages, must be arranged between the dealer and the manufacturer.

Our inspector's duty is to see that the package or packages from which he takes his samples, are tagged or labelled, as required by law; or, if not tagged or labelled, to report the fact to the Department. In this case, the dealer is liable to a fine of Fifty Dollars. It is further the duty of our inspectors to secure a representative sample of the goods; to divide this into three portions; to seal each portion, and to leave one of the three portions with the dealer. If he so desires, the dealer may affix his own seal to one of the three portions, in addition to the inspector's seal. The other two portions are sent to these laboratories.

While the Department recognizes that fertilizer analyses are made primarily in the interest of the user of the fertilizer, it is not forgetful of the commercial importance attaching to the publication of our results, as affecting the manufacturer and the vendor.

Identification of the brand depends upon the vendor and the inspector; the former being responsible for the correctness of the information furnished to our inspector; the latter for accurate transmission of such information to the Department.

The portion received at the laboratories is carefully sampled by an experienced man, and about eight ounces of the material bottled for the use of the analyst. When the whole series has been reported on, those samples which fail to meet guarantees are set apart.

They are transferred to new bottles (to prevent the possibility of recognition of the container) and marked with numbers, the key to which is in possession of the Chief Analyst only. They are then submitted to a second analysis, and it is only when the results of this check analysis corroborate the first results, that these are established as final.

No amount of care on the part of our officers will secure justice to a manufacturer, whose agent (the dealer) is careless. The manufacturer is required to tag or label every package of his goods.

These come into the possession of the dealer, who perhaps handles many other brands.

Tags are torn off, or labels are rendered illegible. The dealer is too often careless in re-tagging. We have many times found a sample of a complete fertilizer sold with a number which belonged to a slag, or *vice versa*, and again and again we find discrepancies between the claim corresponding to the number on the tag, and the actual results of analysis, so great as to make it certain that there is something wrong in identification of the brand. In strict law, we are justified in publishing the results in these cases, and in holding the dealer, as agent, entirely responsible for the failure of the sample, as sold by him, to meet the claim on the tag it bears.

Unfortunately, however, such action works injury to the manufacturer of the brand, who may be perfectly innocent; and involves the reputation of a manufacturer, who is in no way responsible for the particular brand in question.

I am convinced that dealers in fertilizers must be made to feel the responsibility they have both to the consumer and to the manufacturer whose goods they handle. This may be best done by strictly enforcing the penal clauses of the Act against them, in all cases in which it is clear that carelessness has caused them to blunder as above described.

Fifteen samples of this collection which were sold without any registration number, have been supplied with what are assumed to be the numbers belonging to them, as inferred from information given by vendors. In all of these cases the assumed registration numbers are placed in brackets to distinguish them from registration numbers furnished by our inspectors. In twelve of these cases, the results of analysis meet the terms of the assumed guarantee. In the remaining three cases, there is, of course, no basis on which to found any charge against the manufacturer. The identification of the brand is an assumption.

It is not fair to the manufacturer who had secured a registration number for his different brands, to assume the identity of an untagged fertilizer sample with any one of these; and this practice will be discontinued in future. The only just way of dealing with fertilizers offered for sale without tags, is to impose the maximum penalty fixed by Section 15 of the Act (Fifty Dollars) on the dealer.

I would respectfully advise publication of this report as Bulletin No. 264.

I have the honour to be, sir,

Your Obedient Servant,

A. MCGILL,

Chief Analyst.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NOVA SCOTIA—

1913.								
Mar. 20	Potato and Vegetable Phosphate	46966	F. W. Dimock, Windsor, N.S.	3 lbs.	Nil.	Bowker Co., Boston, Mass.	Mfrs.	
" 20	Stockbridge-Special Complete Manure for Potatoes and Vegetables.	46967	"	3 "	"	"	"	
" 20	Bowkers Square Brand Bone and Potash.	46968	"	3 "	"	"	"	
" 20	Scottish Potato Manure.	46969	C. P. Blanchard, Truro, N.S.	3 "	"	A. Cross & Son, Glasgow, Scot.		
" 20	'A' Quality Basic Slag.	46970	"	3 "	"	Cross Fert. Co., Sydney, N.S.	"	
" 20	Montreal Special Manure.	46971	H. H. McNutt, Truro, N.S.	3 "	"	Montreal Abattoirs Ltd.	"	
" 20	Gilt Edge Potato and Tobacco Manure.	46972	"	3 "	"	"	"	
" 20	Fine Bone	46973	"	3 "	"	"	"	No label or tag.
April 15	Fertilizer	46974	Halifax Seed Co., Halifax, N.S.	3 "	"	Lowell Fert. Co., Windsor, N.S.	Colonial Fert. Co., Windsor, N.S.	
" 15	Empress Brand	46975	"	3 "	"	"	"	
" 15	Cereal Brand	46976	"	3 "	"	"	"	
" 15	Ground Bone	46977	"	3 "	"	"	"	
" 23	1-8-5 Brand	46978	Amherst Trading Co., Amherst, N.S.	3 "	"	Dom. Fert. St. Stephen, N.B.	Mfrs.	
" 23	2-8-10 Brand	46979	"	3 "	"	"	"	
" 23	Basic Slag	46980	"	3 "	"	Anglo Continental Guano Works, London, Eng.	"	
" 23	Potato Manure	46981	R. A. Beckwith, Amherst, N.S.	3 "	"	A. Cross & Sons, Glasgow, Scot.	Mfrs.	
" 25	Muriate of Potash.	46982	F. Wencott, Gasper, N.S.	3 "	"	German Kali Works, New York	Unknown	



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				
46966	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	46966	Meets guarantee.
	As found.....	1.50	5.80	2.83	1.30	9.63	8.33	2.14	.....	.....	46967	"
46967	As guaranteed	3.29	4.0	4.0	12.0	1.0	7.0	6.0	10.0	.....	46967	"
	As found.....	3.5	3.45	12.25	1.48	7.18	5.70	9.50	.....	.....		
46968	As guaranteed	1.65	2.0	4.0	2.0	1.0	7.0	6.0	2.0	.....	46968	"
	As found.....	2.22	3.70	2.68	1.67	8.05	6.38	2.04	.....	.....		
46969	As guaranteed	2.47	3.0	7.0	1.0	1.0	9.0	8.0	3.5	.....	46969	Meets guarantee essentially, the available phosphoric acid being up to claim.
	As found.....	3.05	2.52	6.97	2.01	11.50	9.49	3.63	.....	.....		
46970	As guaranteed	.....	.....	.....	12.8	.....	.....	.....	.....	.....	46970	Meets guarantee.
	As found.....	.....	.....	13.35	0.88	14.23	13.35	.....	90.9	.....		
46971	As guaranteed	.....	1.0	.....	.....	.....	.....	8.0	5.0	.....	46971	"
	As found.....	.....	1.5	.....	10.21	1.96	12.20	10.24	4.56	.....	46972	* Very low in potash, deficiency 8.5 per cent.
46973	As guaranteed	.....	3.0	.....	.....	.....	.....	7.0	10.0	.....	46973	Not identified, and apparently not registered.
	As found.....	.....	3.20	.....	11.23	2.10	13.33	11.23	1.54	.....		
46974	As guaranteed	.....	4.39	.....	16.31	8.77	25.08	16.31	.....	.....	46974	Meets guarantee.
	As found.....	1.64	2.0	4.0	4.0	1.0	9.0	8.0	3.0	.....		
46975	As guaranteed	.....	2.10	5.03	3.41	0.94	9.38	8.44	2.94	.....	46975	"
	As found.....	1.24	1.5	3.0	4.0	1.0	8.0	7.0	2.0	.....	46976	"
46976	As guaranteed	.....	1.90	4.81	2.50	1.13	8.50	7.37	2.61	.....	46976	"
	As found.....	0.82	1.0	4.0	3.6	1.0	8.0	7.0	1.0	.....	46977	"
46977	As guaranteed	.....	1.10	4.28	3.51	1.06	8.85	7.79	1.38	.....	46977	"
	As found.....	2.46	3.0	.....	.....	.....	23.0	.....	.....	.....	46978	"
46978	As guaranteed	.....	3.64	.....	16.90	6.65	23.55	16.90	.....	.....	46978	"
	As found.....	0.80	1.0	6.0	2.0	1.0	9.0	8.0	5.0	.....	46979	Low in potash.
46979	As guaranteed	.....	1.10	3.55	4.17	0.80	8.60	7.72	5.74	.....	46979	Meets guarantee.
	As found.....	1.6	2.0	6.0	2.0	1.0	9.0	8.0	10.0	.....	46980	"
46980	As guaranteed	.....	1.70	6.73	1.89	0.66	9.28	8.62	8.51	.....	46980	"
	As found.....	.....	.....	11.2	.....	14.0	.....	.....	80.0	.....	46981	"
46981	As guaranteed	.....	.....	.....	11.83	1.22	13.05	11.83	85.2	.....	46981	"
	As found.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46982	"
46982	As guaranteed	.....	.....	.....	.....	.....	.....	.....	.....	.....	46982	"
	As found.....	1.65	2.0	.....	8.16	3.54	11.70	8.16	2.55	.....	46981	"
46981	As guaranteed	.....	.....	.....	.....	.....	.....	.....	.....	.....	46982	"
	As found.....	.....	.....	.....	.....	.....	.....	.....	48.0	.....	46982	"
46982	As guaranteed	.....	.....	.....	.....	.....	.....	.....	50.89	.....	46982	"
	As found.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		

\* Manufacturers' claims mistaken indication in the brand; should be 552 when the finding would be O.K.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cent.	Manufacturer.	Furnisher.	

## DISTRICT OF NOVA SCOTIA—

1913.								
April 25	Superphosphate with Potash.	46983	Burgess & Co., Wolfville, N.S.	3 lbs.	Nil.	Bowker Co., Boston, Mass.	Mfrs	
" 25	6% Brand.	46984	" " "	3 "	"	" "	"	
" 28	Pidgeons' Ground Bone.	46985	Colonial Fert. Co., Windsor, N.S.	3 "	"	Vendors.		
" 28	Basic Slag.	46986	" " "	3 "	"	Staachman Co., Germany.	Mfrs	
" 28	Essex Potato Grower.	46987	" " "	3 "	"	Vendors.		
" 28	Colonial Potato Grower.	46988	" " "	3 "	"	"		
" 28	Colonial Acid Phosphate.	46989	" " "	3 "	"	"		
" 28	Essex Complete Manure.	46990	" " "	3 "	"	"		
" 28	Bone and Phosphate.	46991	F. H. Manning, Falmouth, N.S.	3 "	"	Montreal ab. batoirs, Montreal.	Mfrs	No number on bag or tag.
" 29	Bone and Potash.	46992	A. L. Melvin & Co., Halifax, N.S.	3 "	"	Nova Scotia Fert. Co., Halifax, N.S.	"	
" 29	10% Potato Phosphate.	46993	" " "	3 "	"	"	"	
" 29	Bone Meal	46994	" " "	3 "	"	"	"	
" 29	Potato Phosphate.	46995	" " "	3 "	"	"	"	
" 29	Ceres Brand	46996	" " "	3 "	"	"	"	
" 29	Imperial Superphosphate.	46997	E. D. Smith, Dartmouth, N.S.	3 "	"	Prov. Chem. Co St. John, N.B.		
" 29	Potato Phosphate.	46998	" " "	3 "	"	"		
" 29	Potato Manure.	46999	" " "	3 "	"	"		
May 6	4-8-4 Potato Fertilizer.	47000	United Fruit Co., Berwick, N.S.	5 "	"	A. Cross & Sons, Glasgow Scot.		
" 7	Slag.	54101	Nova Scotia Fert. Co., Halifax, N.S.	3 "	"	Staachman & Co., Germany		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.					
		Total, including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Solu. le.	Insoluble.	Total.	Total Available.	

## Concluded.

		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.		
99	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0	46983	Meets guarantee.
	As found..			7.0	2.66	0.94	10.60	9.66	2.49	46984	
96	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0		"
	As found..		0.90	5.19	1.86	0.50	7.55	7.05	7.40	46985	
786	As guaranteed	2.47	3.06				20.00			46986	"
	As found..		3.78		13.86	9.72	22.58	13.86		46986	"
861	As guaranteed						17.0				"
	As found..				14.78	3.05	17.83	14.78	86.3		"
790	As guaranteed	2.46	3.0	3.0	3.0	1.0	7.0	6.0	10.0	46987	
	As found..		2.90	4.55	1.35	0.65	6.55	5.90	10.66	46988	"
765	As guaranteed	3.28	4.0	3.0	3.0	1.0	7.0	6.0	10.0	46989	"
	As found..		4.00	4.80	2.09	0.94	7.83	6.89	9.19	46990	"
859	As guaranteed						15.0				"
	As found..				15.42	1.38	16.80	15.42		46990	"
788	As guaranteed	3.25	4.0	3.0	3.0	1.0	7.0	6.0	10.0		"
	As found..		3.78	4.45	2.10	0.58	7.18	6.55	10.08	46991	† Not identified and apparently not registered.
	As found..				6.95	3.78	10.73	6.95	26.20	46992	Meets guarantee.
465	As guaranteed		2.0		6.0	2.0	8.0	6.0	2.0		
	As found..		2.80		8.16	1.14	9.30	8.16	4.68		
41	As guaranteed		2.5			2.0	8.0	6.0	10.0	46993	Deficient in phosphates, but excess of potash fully compensates in value.
	As found..		2.79		4.05	0.61	4.66	4.05	14.62		
44	As guaranteed		3.00				23.0			46994	Low in total phosphoric acid.
	As found..		3.87		12.88	8.15	21.03	12.88			
38	As guaranteed		2.0			2.0	9.0	7.0	4.0	46995	Meets guarantee.
	As found..		2.72		7.20	1.35	8.55	7.20	5.29	46996	"
37	As guaranteed		2.0			2.0	9.0	7.0	2.0		
	As found..		2.96		7.70	1.30	9.00	7.70	4.74		
69	As guaranteed		3.0				10.0		1.5	46997	Meets guarantee.
	As found..		3.00				11.68		1.89	46998	"
63	As guaranteed		2.5				8.0		6.0		
	As found..		2.70				9.03		5.97	46999	"
70	As guaranteed		2.0				7.0		4.0		
	As found..		2.00				8.85		3.92		
689	As guaranteed	3.29	4.0	7.0	1.0	1.0	9.0	8.0	4.0	47000	"
	As found..		4.10	5.38	4.00	1.77	11.35	9.58	5.21		
47	As guaranteed						14.0	12.0		54101	"
	As found..				13.76	0.69	14.45	13.76	84.9		

\* Samples, assumed to be duplicates, give respectively 9.81 and 8.57 potash, mean value, 9.19.

† Vendor claims was not for sale but for own use.

Registration Number.	Analysis of Sample.	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.						
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.		

## DISTRICT OF PRINCE EDWARD ISLAND—

1913.										
Apr. 16	Superphosphate	46424	Auld Bros., Charlottetown, P.E.I.	3 lbs.	Nil.	Thos. Vickers & Son, Manchester, Eng.				
" 16	Nitrate of Soda.	46425	"	3 "	"	The Am. Agr. Chem. Co., Weymouth, Mass.				
" 16	Sulphate of Potash.	46426	"	3 "	"	German Kali Works, Leopoldshall, Strassfurt.				
" 16	Muriate of Potash.	46427	"	3 "	"	"				
" 16	Swans Thomas Phosphate.	46428	"	3 "	"	Swan Bros. Wks., Wigan, Eng.				
" 16	Sure Growth....	46429	"	3 "	"	Montreal Abattoirs Ltd., Montreal.				
" 16	Montreal Special Potato Manure.	46430	"	3 "	"	"				
" 17	Corn and Cereal Special.	46431	"	3 "	"	"				
" 19	Early Fruit and Vegetable Grower.	46432	"	3 "	"	"				
" 19	Git E. ge Potato and Tobacco Manure.	46433	Auld Bros., Charlottetown, P.E.I.	3 "	"	Montreal Abattoirs Ltd., Montreal.				
May 7	Nitrate of Soda.	46434	J. H. Gill, Charlottetown, P.E.I.	3 "	"	Alex. Cross & Sons, Ltd., Glasgow.				
" 7	Superphosphate.	46435	"	3 "	"	"				
" 10	Muriate of Potash.	46436	"	3 "	"	German Kali Works, Leopoldshall, Strassfurt, Germany.				

## DISTRICT OF NEW BRUNSWICK—

Mar. 17	Bowker's 6 %...	50301	D. J. Seely & Son, St. John, N.B.	3 jars.	10	Bowker Fert. Co., Boston, Mass.				
" 17	Stockbridge complete Manure for Potatoes and Vegetables.	50302	"	3 "	10	"				

\* Warehouse men only.

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## WM. A. WEEKS, INSPECTOR.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
321	As guaranteed	...	...	...	...	...	...	16.0	...	...	46424	Meets guarantee.
	As found	...	...	17.50	0.45	0.53	18.50	17.97	...	...		
179	As guaranteed	15.0	18.23	...	...	...	...	...	...	...	46425	"
	As found	...	18.20	...	...	...	...	...	...	...		
306	As guaranteed	...	...	...	...	...	...	...	48.0	...	46426	"
	As found	...	...	...	...	...	...	...	47.90	...		
305	As guaranteed	...	...	...	...	...	...	...	50.0	...	46427	"
	As found	...	...	...	...	...	...	...	48.96	...		
323	As guaranteed	...	...	...	11.20	2.80	14.0	11.20	...	...	46428	"
	As found	...	...	...	11.53	3.25	14.78	11.53	...	86.0		
551	As guaranteed	...	1.0	...	...	...	...	8.0	1.0	...	46429	"
	As found	...	2.20	...	8.31	1.49	9.80	8.31	2.12	...		
556	As guaranteed	...	1.0	...	...	...	...	8.0	1.0	...	46430	Much above guarantee in potash.
	As found	...	1.20	...	8.65	1.70	10.35	8.65	5.87	...		
552	As guaranteed	...	2.0	...	...	...	...	8.0	2.0	...	46431	Meets guarantee.
	As found	...	2.00	...	8.81	3.34	12.15	8.81	2.59	...		
553	As guaranteed	...	4.0	...	...	...	...	6.0	4.0	...	46432	"
	As found	...	4.30	...	8.14	3.16	11.30	8.14	5.57	...		
555	As guaranteed	...	3.0	...	...	...	...	7.0	10.0	...	46433	* Low in potash.
	As found	...	3.10	...	9.53	3.57	13.10	9.53	6.32	...		
174	As guaranteed	15.5	18.8	...	...	...	...	...	...	...	46434	Meets guarantee.
	As found	...	18.30	...	...	...	...	...	...	...		
327	As guaranteed	...	...	16.0	...	...	...	...	...	...	46435	"
	As found	...	...	16.86	...	1.24	18.10	16.86	...	...		
691	As guaranteed	...	...	...	...	...	...	...	48.0	...	46436	"
	As found	...	...	...	...	...	...	...	48.38	...		

## J. C. FERGUSON, INSPECTOR.

96	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0	...	50301	Meets guarantee.
	As found	...	1.19	4.00	3.48	1.02	8.50	7.48	5.22	...		
88	As guaranteed	3.29	4.0	4.5	2.0	1.0	7.0	6.0	10.0	...	50302	Nearly meets guarantee.
	As found	...	3.20	4.50	2.54	1.71	8.75	7.04	8.92	...		

\* Manufacturers claim as accidental.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NEW BRUNSWICK—

1913.								
Mar.	17 Sure Crop .....	50303	D. J. Seely & Son, St. John, N.B.	3 jars.	10	Bowker Fert Co., Boston, Mass.		
"	17 Farm and Gar- den.	50304	" " "	3 "	10	"		
"	17 Square Brand...	50305	" " "	3 "	10	"		
"	17 Bowker's Potato and Vegetable Phosphate.	50306	" " "	3 "	10	"		
"	22 10% Complete Arcostock.	50307	The Prov. Chem. Fert. Co., Ltd., St. John, N.B.	3 "	10	Vendors		
"	22 Complete Potato Grower.	50308	" " "	3 "	10	"		
"	22 Special Potato Phosphate.	50309	" " "	3 "	10	"		
"	22 Potato Manure.	50310	" " "	3 "	10	"		
"	22 Imperial Super- phosphate.	50311	The Prov. Chem. Fert. Co., Ltd., St. John, N.B.	3 "	10	Vendors		
"	22 Blood Bone and Potash.	50312	" " "	3 "	10	"		
"	22 Victor Guano...	50313	" " "	3 "	10	"		
Apr.	10 4-6-10.....	50314	Dom. Fert. Co., Ltd., St. Stephen, N.B.	3 "	10	"		
"	10 3 6-10 .....	50315	" " "	3 "	10	"		
"	10 2-8-10 .....	50316	" " "	3 "	10	"		
"	10 2-9-5.....	50317	" " "	3 "	10	"		
"	10 Bradley's X.L...	50318	Hill Bros., St. Stephen, N.B.	3 "	10	Am. Agr. Chem. Co., Boston, Mass.		
"	10 Bradley's Potato Manure.	50319	" " "	3 "	10	"		
"	15 10 p.c. Potato Phosphate.	50320	Byron Brewer, Fredericton, N.B.	3 "	10	Nova Scotia Fert. Co., Halifax, N.S.		
"	15 Potato Phos- phate.	50321	" " "	3 "	10	"		
"	15 Special Potato Phosphate.	50322	" " "	3 "	10	"		
"	15 High Grade Po- tato Phosphate	50323	" " "	3 "	10	"		
"	16 Harab.....	50324	Benn & Tunney, Woodstock, N.B.	3 "	Nil.	The Harris Abattir Co., Ltd., Toronto		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Phosphoric Acid per cent.						Potash.	Fineness.		
				Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
		p.c.	p.».	p.a.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
773	As guaranteed	0.82	1.0	7.0	2.0	1.0	10.0	9.0	2.0		50303	Meets guarantee.	
	As found		1.10	6.65	2.57	1.16	10.38	9.22	2.69		50304		
94	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		50305	"	
	As found		2.80	5.75	3.24	1.24	10.23	8.99	2.42		50306		
95	As guaranteed	1.65	2.0	4.0	2.0	1.0	7.0	6.0	2.0		50307	"	
	As found		2.27	1.51	2.96	0.98	8.45	7.47	2.49		50308		
92	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		50309	"	
	As found		1.97	5.53	2.46	1.64	9.63	7.99	2.21		50310		
65	As guaranteed		4.0				8.0		10.0		50311	"	
	As found		3.75				7.55		11.00		50312		
64	As guaranteed		3.0				6.0		10.0		50313	"	
	As found		3.20				5.60		10.72		50314		
63	As guaranteed		2.5				8.0		6.0		50315	"	
	As found		2.50				7.50		6.23		50316		
70	As guaranteed		2.0				7.0		4.0		50317	"	
	As found		2.00				7.25		3.88		50318		
69	As guaranteed		3.0				10.0		1.5		50319	"	
	As found		3.00				9.88		2.12		50320		
71	As guaranteed		2.0				7.0		4.0		50321	"	
	As found		2.10				7.10		4.34		50322		
68	As guaranteed		2.0				7.0		2.5		50323	"	
	As found		2.20				6.90		2.12		50324		
487	As guaranteed	3.3	4.0	4.0	2.0	1.0	7.0	6.0	10.0		50325	"	
	As found		3.90	2.30	4.31	1.02	7.63	6.61	10.62		50326		
488	As guaranteed	2.4	3.0	4.0	2.0	1.0	7.0	6.0	10.0		50327	"	
	As found		2.90	1.70	4.08	0.95	6.73	5.78	14.06		50328		
489	As guaranteed	1.6	2.0	6.0	2.0	1.0	9.0	8.0	10.0		50329	"	
	As found		2.00	7.13	1.29	0.91	9.33	8.42	10.16		50330		
490	As guaranteed	1.6	2.0	7.0	2.0	1.0	10.0	9.0	5.0		50331	"	
	As found		2.25	3.42	5.45	1.32	10.20	8.88	4.96		50332		
2	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		50333	"	
	As found		2.35	4.68	3.60	0.90	9.18	8.28	1.56		50334		
	As guaranteed	2.27	3.0	4.0	2.0	1.0	7.0	6.0	5.0		50335	"	
	As found		2.80	3.50	2.71	0.99	7.20	6.21	5.13		50336		
	As guaranteed		2.0			2.0	8.0	6.0	10.0		50337	Meets guarantee value. Compensated.	
	As found		2.50		4.85	0.73	5.64	4.85	11.72		50338		
38	As guaranteed		2.0			2.0	9.0	7.0	4.0		50339	Meets guarantee. Low in phosphoric acid. Meets guarantee in value. Compensated.	
	As found		2.80		6.55	1.09	7.67	6.58	4.54		50340		
40	As guaranteed		2.5			2.0	8.0	6.0	7.0		50341	"	
	As found		2.50		5.40	0.75	6.15	5.40	7.65		50342		
36	As guaranteed		4.0			2.0	8.0	6.0	10.0		50343	Meets guarantee.	
	As found		3.90		5.93	1.17	7.10	5.93	11.74		50344		
695	As guaranteed		4.0				7.0	6.0	13.0		50345	"	
	As found		3.80		7.56	1.04	8.60	7.56	11.13		50346		

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NEW

1913.								
April 18	3-6-10	50325	Porter Manzer Co., Woodstock, N.B.	3 jars.	Nil.	Int. Agr. Corporation, Buffalo, N.Y.		
" 18	Thomas Phosphate Powder.	50326	J. Warren Jamer, Andover, N.B.	3 "	10	H & E Albert, London, Eng.		
" 23	Bone Meal	50327	Mills Eveleigh Co., Ltd., Sussex, N.B.	3 Jars	10	Dom. Fert. Co., St. Stephen, N.B.		
" 23	Basic Slag, "A" Quality.	50328	"	3 "	10	The Cross Fert. Co., Ltd., Sydney, N.S.		
" 23	2-4-2	50329	"	3 "	10	Dom. Fert. Co., St. Stephen, N.B.		
" 23	Ground Bone	50330	Sussex Mercantile Co., Ltd., Sussex, N.B.	3 "	10	New England Fert. Co., Windsor, N.S.		
" 23	Potato Fertilizer	50331	"	3 "	10	"		
" 23	Corn and Grass	50332	"	3 "	10	"		
June 4	Basic Slag	50333	Walter K. Reade, Melrose, N.B.	3 "	Nil.	Glengarnock Phosphate Wks., Glengarnock.	Woodford Allen, Upper Cape, N.B.	Stencilled on bag, 24% Sol. Phosphates.
" 4	Basic Slag	50334	"	3 "	"	"	Rich. Joyce, Melrose, N.B.	
" 4	Basic Slag	50335	Job Fillmore, Port Elgin, N.B.	3 "	"	"	Colonial Fertilizer Co., Windsor, N.S.	
" 5	Basic Slag	50336	Isaac Winslow Kaye, Little She mogue, N.B.	3 "	"	The Cross Fert. Co., Ltd., Sydney, N.S.		

\* (24 per cent. Soluble phosphates) = 12 p.c.  $P_2O_5$ .



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid, or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

## BRUNSWICK—Concluded.

		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
70	As guaranteed	2.46	3.0	4.0	2.0	1.0	7.0	6.0	10.0	.....	50325	Meets guarantee.
	As found	2.60	1.35	4.76	0.97	7.08	6.11	10.03	.....	.....	.....	
1	As guaranteed	.....	.....	.....	12.0	.....	15.0	.....	.....	.....	50326	"
	As found	.....	.....	.....	14.88	1.02	15.90	14.88	.....	86.6	.....	
572	As guaranteed	2.46	3.0	.....	.....	.....	2.0	.....	.....	.....	50327	"
	As found	3.37	3.37	.....	16.33	7.20	23.53	16.33	.....	.....	.....	
557	As guaranteed	.....	.....	.....	12.80	.....	.....	.....	.....	.....	50328	Meets guarantee.
	As found	.....	.....	.....	13.08	0.72	13.80	13.80	.....	81.0	.....	
491	As guaranteed	1.6	2.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	50329	Meets guarantee.
	As found	1.92	3.45	4.85	1.10	9.40	8.30	2.28	.....	.....	.....	
93	As guaranteed	1.65	2.0	6.00	2.00	1.00	9.00	8.00	2.00	.....	50330	Apparently some mistake in identification or description. Is of full guaranteed value.
	As found	4.07	.....	.....	13.85	5.55	19.40	13.85	.....	.....	.....	
814	As guaranteed	1.64	2.0	4.0	3.0	1.0	8.0	7.0	4.0	.....	50331	Meets guarantee.
	As found	2.65	5.00	1.86	1.02	7.88	6.86	3.94	.....	.....	.....	
815	As guaranteed	0.82	1.0	4.0	3.0	1.0	8.0	7.0	1.0	.....	50332	Meets guarantee.
	As found	1.50	5.75	2.25	1.31	9.35	8.04	2.52	.....	.....	.....	
*254	As guaranteed	.....	.....	.....	.....	.....	.....	.....	.....	85.0	50333	Meets guarantee.
	As found	.....	.....	.....	14.58	0.27	14.85	14.58	.....	85.2	.....	
.....	As found	.....	.....	.....	14.28	1.97	16.25	14.28	.....	79.3	50334	Not identified, and apparently not registered. Said to be purchased as samples only by Mr. Reade and not for sale.
862	As guaranteed	.....	.....	.....	.....	.....	16.0	.....	80.0	.....	50335	
	As found	.....	.....	.....	14.45	1.43	15.88	14.45	.....	81.4	.....	Meets guarantee.
557	As guaranteed	.....	.....	.....	12.8	.....	.....	.....	.....	.....	50336	Meets guarantee.
	As found	.....	.....	.....	12.13	0.43	12.56	12.13	.....	94.8	.....	

## BULLETIN No. 264-

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF QUEBEC—

1913.								
Mar. 26	Capital.....	37023	George Tanguay, Quebec.	3 Lbs.	Nil.	Vendor.....		
" 26	Jupiter.....	37024	" "	3 "	" "	" "		
" 26	Phoenix.....	37025	" "	3 "	" "	" "		
" 26	Monarch.....	37026	" "	3 "	" "	" "		
" 26	Union.....	37027	" "	3 "	" "	" "		
" 26	Nestor.....	37028	George Tanguay, Quebec.	3 "	" "	Vendor.....		
" 26	Celtic.....	37029	" "	3 "	" "	" "		
" 27	Muriate of Potash.	37030	J. B. Reneaud & Cie, Quebec.	3 "	" "	British Oil and Cake Mills, Liverpool.		
" 26	Globe.....	37031	George Tanguay, Quebec.	3 "	" "	Vendor.....		
" 27	Nitrate of Soda.	37032	J. B. Reneaud & Cie, Quebec.	3 "	" "	British Oil and Cake Mills, Liverpool.		
" 27	Sulphate of Potash.	37033	" "	3 "	" "	" "		
" 27	Basic Slag.....	37034	" "	3 "	" "	" "		
April 18	Defiance..	37036	P. T. Legare, Ltd., Quebec.	3 "	" "	Mich. Carbon Wks Detroit	Mfrs.	
" 18	Thomas Phosphate Basic Slag.	37037	" "	3 "	" "	Cross Fert. Co., Ltd., Sydney, N.S.	"	
" 18	Fruit and Vine..	37038	" "	3 "	" "	Mich. Carbon Wks. Detroit	"	
" 18	Virginia Tobacco	37039	" "	3 "	" "	" "	"	
" 18	High Grade Garden and Vegetable.	37040	" "	3 "	" "	" "	"	
" 18	Royal Canadian.	37041	" "	3 "	" "	Cap. Chem. and Fert. Co., Buckingham.	"	
" 18	Victor.....	37042	" "	3 "	" "	" "	"	
" 23	North Western Canadian Potash Fertilizer.	37043	Eug. Julien & Cie, Ltd., Quebec.	3 "	" "	The Am. Agr. Chem. Co., Buffalo, N. Y.	"	

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

F. X. W. E. BELAND, INSPECTOR.

		p.c.	p.o.	p.c.	p.c.	p.c.	p.o.	p.c.	p.c.	p.c.	p.c.	
511	As guaranteed	4.0	5.0					8.0	6.0		37023	Low in phosphoric acid, but meets guarantee in value. Compensated.
	As found		5.70		6.17	5.66	6.83	6.17	9.03			
510	As guaranteed	2.06	2.5					8.0	5.0		37024	Meets guarantee.
	As found		4.30		8.35	1.23	9.58	8.35	7.58		37025	
514	As guaranteed	2.47	3.0					6.0	7.0		37026	Meets guarantee.
	As found		3.00		9.40	1.08	10.48	9.40	7.60		37026	Low in potash, but meets guarantee in value. Compensated.
682	As guaranteed	1.67	2.0					9.0	8.0			
	As found		1.50		11.13	1.43	12.53	11.13	6.70			
507	As guaranteed	2.47	3.0					8.0	3.5		37027	Meets guarantee.
	As found		2.15		9.13	1.32	10.45	9.13	5.20		37028	
683	As guaranteed	1.65	2.0					8.0	3.0		37029	Meets guarantee.
	As found		1.50		7.98	1.25	9.23	7.98	4.69		37029	Evidently mistake in identification.
512	As guaranteed							10.0	5.0		37030	Meets guarantee.
	As found				14.64	3.61	18.25	14.64	82.5			
443	As guaranteed							50.0				
	As found							49.24				
547	As guaranteed							18.0			37031	Evidently mistake in identification.
	As found				10.66	1.14	11.80	10.66	6.73		37032	Meets guarantee.
273	As guaranteed	15.0	18.5									
	As found		18.00									
299	As guaranteed							48.0			37033	
	As found							48.18				
302	As guaranteed				15.4	3.85	19.25				37034	
	As found				15.80	5.08	20.88	15.80	86.3			
203	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		37036	
	As found		2.18	4.50	4.09	1.74	10.33	8.59	2.52			
591	As guaranteed				13.6						37037	
	As found				15.18	1.30	16.48	15.1	85.5			
212	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0		37038	
	As found		2.25	6.58	1.91	1.24	9.73	8.49	10.79			
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		37039	
	As found		2.0	5.00	3.23	1.37	9.60	8.23	3.77			
210	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	6.0		37040	
	As found		2.16	7.05	1.49	1.31	9.85	8.54	6.41			
84	As guaranteed		4.0					9.0	5.0		37041	
	As found		4.31					9.43	6.37			
83	As guaranteed		2.0					7.0	3.0		37042	
	As found		1.72					9.65	3.36			
335	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0		37043	
	As found		1.00	2.12	4.01	1.02	7.15	6.13	7.06			

50061-2

## BULLETIN No. 264—

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 23	Thomas Phosphate Flour.	37044	Eng. Julien & Cie., Ltd., Quebec.	3 lbs.	Nil.	The Leeds Mfrs. Phosphate Wks, Leeds, Eng.		
" 23	North Western Complete Manure.	37045	" "	3 "	"	The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	North Western Havana Tobacco Grower.	37046	" "	3 "	"	"		
" 18	Julien's Special Canadian Fertilizer.	37047	" "	3 "	"	"		
" 18	North Western High grade Potash Fertilizer.	37048	" "	3 "	"	"		
" 18	Thomas Phosphate Meal.	37049	" "	3 "	"	Glengarnock Phosphate Wks, Leeds, Eng.		

## DISTRICT OF THREE RIVERS—

April 7	Fertilizer.....	57251	I. A. Coutu, St. Felix de Valois.	4 lbs.	20			
" 7	Bowkers Superphosphate with Potash.	57252	" "	4 "	30			
" 7	Thomas Phosphate.	57253	" "	4 "	40			
" 14	Victor.....	57254	Frs. Rivest, Joliette.	4 "	10	Cap. Chem. & Fert. Co., Buckingham		
" 14	Guano.....	57255	Chevalier et Fils, Joliette.	4 "	20			
" 14	Grain Fertilizer.	57256	" "	4 "	10			
" 14	Victor.....	57257	E. Goulet et Fils, St. Jacques.	3 "	6	Cap. Chem. & Fert. Co., Buckingham		
" 14	Fertilizer. ...	57258	A. M. Melancon, St. Jacques.	4 "	10			

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Petch.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

QUEREC—Concluded.

	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
253 As guaranteed				13.5		18.0			80.0	etc guaranteed
As found.....				13.25	4.20	17.45	13.25		90.1	
226 As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	1.0	3.0		
As found.....	2.3	5.70	2.20	1.68	9.58	7.90	2.81			
686 As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		
As found.....	2.1	6.60	1.40	1.29	9.38	8.09	3.90			
685 As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	3.0		
As found.....	2.11	3.83	5.29	1.53	10.65	9.12	3.30			
687 As guaranteed	0.82	1.0	4.0	1.0	1.0	6.0	5.0	10.0		18
As found.....	1.7	1.98	4.35	0.87	7.20	6.33	10.19			
254 As guaranteed				13.5		18.0				
As found.....				13.98	2.86	16.84	13.98			

DR. V. P. LAVALLEE, INSPECTOR.

449 As guaranteed	2.47	3.0		5.0	1.0	6.0	5.0	10.0		57
As found.....				9.05	4.50	13.55	9.05			6
102 As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0		57
As found.....			10.35	2.83	2.87	16.05	13.18	0.70		
338 As guaranteed				12.0	2.0	14.0				572
As found.....				5.86	2.14	8.00	5.86	8.69		
(83) As guaranteed		2.0				7.0		3.0		57234
As found.....		2.40				10.48		3.38		
65 As guaranteed		4.0				8.0		10.0		57255
As found.....		1.91		7.46	1.09	8.55	7.46	10.68		Not properly identified. In spectors mistake
65 As guaranteed		4.0				8.0		10.0		57256
As found.....		0.60		11.88	1.42	13.30	11.88	10.22		Not identified. Inspector's mistake.
(83) As guaranteed		2.0				7.0		3.0		57257
As found.....		2.1				11.0		3.59		Meets guarantee.
65 As guaranteed		4.0				8.0		10.0		57258
As found.....		1.80		6.85	0.83	7.68	6.85	10.54		Not identified. Inspector's mistake.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 14	Victor.....	57259	Laurion, L'Epi-3 lbs.	10		Cap. Chem. & Fert. Co., Buckingham		
" 18	Fertilizer ..	57260	L. Provost, L'Epi-3	10		Lesage Pack- ing & Fert. Co., Montreal		
" 18	Mich. Carbon Wks. Complete Fertlr.	57261	Simon Forest, L'E-3	20		The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	Mich. Carbon Wks. Virginia Tobacco.	57262	"	20		"		
" 18	Thomas Phosphate.	57263	I. A. Marion, St. Jacques.	20				
" 18	Fertilizer.....	57264	"	20		The Am. Agr. Chem. Co., New York.		
" 18	N. W. Havana Tobacco Grower	57265	"	15		The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	Fertilizer.....	57266	I. P. Charlebois, L'Assomption.	10		Lesage Pack- ing Fert. Co., Montreal.		
"	"	57267	"	10		"		
" 18	N. Western Com- plete Havana Grower.	57268	Louis Pause, L'As- somption.	25		Am. Agr. Chem. Co., Buffalo, N. Y.	Eugene Ju- lien, Que- bec.	
" 18	N. Western Com- plete Havana.	57269	"	15		"	"	
" 18	Fertilizer.....	57270	"	15		"	"	
" 18	"	57271	T. Brazeau, L'As- somption.	20			Dupuy & Ferguson, Montreal.	
" 18	"	57272	"	20		Lesage Pack- ing Fert. Co., Montreal.		
" 18	Eng. Virginia Complete Fert.	57273	Bedard et Cie, L'Assomption.	25			P. T. Legare, Quebec.	
" 18	"	57274	"	25		"	"	
" 28	Crockers High- Grade Special Fertilizer.	57275	La. Alexis Piette, Berthier.	20		Am. Agr. Chem. Co., New York.		
" 28	Mich. Carbon Wks. Complete Fertilizer.	57276	Pierre Beaudoin, Berthier.	20		Mich. Carbon Wks. Buffalo N. Y.		

## FERTILIZERS AS SOLD.

Certificate Number	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Total: including that of Nitric Acid or Ammonia if present.	Phosphoric Acid per cent.				Total Available.					
			% Nitrogen p.p.									
			Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.		Total.				

## THREE RIVERS—Continued.

	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
483 As guaranteed	2 0					7 0		3 0		57255	Meets guarantee.
As found	2 00					9 30		3 24			
449 As guaranteed	2 47			6 0	1 0	6 0	5 0	10 0		57260	Meets guarantee.
As found	2 47		5 59	2 11	7 70	5 59	10 22				
205 As guaranteed	1 65	2 0	0	2 0	1 0	9 0	8 0	4 0		57261	Meets guarantee.
As found	2 35	5 23	3 78	1 52	9 53	8 01	4 23				
207 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57262	Meets guarantee.
As found	2 10	3 25	5 36	1 19	9 80	8 61	4 36				
273 As guaranteed						18 0		80 0		57263	Meets guarantee.
As found			14 93	5 70	20 63	14 93		86 3			
687 As guaranteed	0 82	1 0	4 0	1 0	1 0	6 0	5 0	10 0		57264	Meets guarantee.
As found	1 10	3 65	2 09	0 96	6 70	5 74	10 40				
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57265	Meets guarantee.
As found	2 30	6 90	1 53	1 20	9 63	8 43	4 17				
448 As guaranteed	1 65	2 0		5 0	1 0	6 0	5 0	7 0		57266	Meets guarantee.
As found	1 75		6 94	1 34	8 28	6 94	7 20				
331 As guaranteed	1 0	1 25		5 0	1 0	6 0		3 0		57267	Meets guarantee.
As found		1 10		5 55	1 23	6 78	5 55	3 95			
226 As guaranteed	2 06	2 5	6 0	2 0	1 0	9 0	8 0	3 0		57268	Meets guarantee.
As found	2 50	4 70	4 55	2 30	11 55	9 25	3 13				
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57269	Evident mistake in identification.
As found			12 45	5 40	17 85	12 45		88 4			
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57270	Meets guarantee.
As found		2 10	6 58	1 62	1 48	9 68	8 20	4 48			
259 As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	4 0		57271	Much below guarantee in phosphoric acid and potash but not certainly identified.
As found		1 20	0 21	4 22	0 72	5 15	4 43	0 30			
446 As guaranteed	1 65	2 0		5 0	1 0	6 0	5 0	2 0		57272	Meets guarantee.
As found		2 00		4 78	1 22	6 00	4 78	2 00			
206 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57273	Meets guarantee.
As found		2 25	3 63	5 05	1 35	10 03	8 68	4 11			
209 As guaranteed	1 65		6 0	2 0	1 0	9 0	8 0	5 0		57274	Meets guarantee.
As found				9 67	1 65	10 55	8 90	4 22			
261 As guaranteed	1 6	2	6		1 0	9 0	8 0	4 0		57275	Meets guarantee.
As found		1 10	6 5		1 24	10 58	9 34	3 94			
206 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57276	" "
As found		2 10	4 83	1 41	10 58	8 25	3 91				

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 28	Thomas Phosphate.	Phosphate.	57277	L. N. Tourdain, Trois-Rivières.	3 lbs.	25	The Cross, Fort. Co. Sydney, N.S.	P.T. Légaré, Quebec.
May 5	Thomas Phosphate.	Phosphate.	57278	S. G. Laviolette, St. Jérôme.	3 "	Nil.	Thos. Phosphate, Leeds, Eng.	E. Julien.
" 5	Fertilizer		57279	" "	3 "	"	Leeds Phosphate Wks., Leeds, Eng.	"
" 5	Mich. Carbon Works High Grade Garden and Vegetable Fertilizer.		57280	Moïse Dubois, St. Thérèse.	3 "	15	Am. Agr. Chem. Co., Buffalo, N.Y.	
" 5	Mich. Carbon Wks. Complete Fertilizer.		57281	" "	3 "	15	" "	
" 5	Bowkers Potato & Veg. Phosphate.		57282	Alex. MacMullin, St. Thérèse.	3 "	15	Bowker Fert. Co., Bayway, N.J.	
" 5	Bowkers Canadian Tobacco Special.		57283	Alex. McCubbin.	3 "	15	" "	
" 5	Bowkers Potato & Veg. Fertilizer.		57284	" "	3 "	15	" "	
" 5	Bowkers 6 p.c. Potato Fertilizer.		57285	" "	3 "	15	" "	
" 21	Thomas Phosphate.	Phosphate.	57286	Edouard Valin, St. Augustin, Portneuf.	3 "	Nil.	Anglo-Canadian Chem. Co.	
" 21	Fertilizer.		57287	" "	3 "	"	German Kali Wks., New York.	
" 22	"		57288	I. B. Ferland, Sorel.	3 "	"	Lesage Packing & Fert. Co., Montreal.	
" 22	"		57289	" "	3 "	"	" "	



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

## THREE RIVERS—Continued.

	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
(591) As guaranteed	....	....	....	13.6	....	....	....	....	80.0	57277	Meets guarantee
As found	....	....	....	13.63	1.10	14.73	13.63	....	86.0		
253 As guaranteed	....	....	....	....	....	18.0	....	....	80.0	57278	" "
As found	....	....	....	15.85	4.10	19.95	15.85	....	93.6		
253 As guaranteed	....	....	....	....	....	18.0	....	....	80.0	57279	Evident mistake in identification. The sample is not a slag.
As found	....	....	....	6.70	1.06	7.75	6.70	6.22	....		
(210) As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	6.0	....	57280	Low in potash. Uncertain identification.
As found	....	2.25	5.85	2.60	1.50	9.95	8.45	4.43	....		
206 As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	....	57281	Meets guarantee.
As found	....	2.15	5.21	2.96	1.59	9.83	8.24	7.45	....		
(468) As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0	....	57282	" "
As found	....	1.50	3.53	3.58	1.74	8.85	7.11	5.75	....		
506 As guaranteed	1.65	2.00	6.0	2.0	1.0	9.0	8.0	4.0	....	57283	Low in potash.
As found	....	2.30	4.15	4.65	2.23	11.03	8.80	1.95	....		
550 As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0	....	57284	"
As found	....	2.23	5.88	3.23	1.97	11.08	9.11	2.18	....		
405 As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0	....	57285	Deficient in potash but fully compensated by excess of nitrogen and phosphoric acid. May be a mistake in identification of the brand.
As found	....	3.30	5.88	3.23	1.97	11.08	9.11	4.24	....		
1 As guaranteed	....	....	....	12.0	....	15.0	....	....	....	57286	Meets guarantee.
As found	....	....	....	12.68	2.12	14.80	12.68	....	....		
691 As guaranteed	....	....	....	....	....	....	....	48.00	....	57287	" "
As found	....	....	....	....	....	....	....	51.36	....		
446 As guaranteed	1.65	2.0	....	5.0	1.0	6.0	5.0	2.0	....	57288	" "
As found	....	1.30	....	5.08	1.77	6.85	5.08	5.37	....		
447 As guaranteed	1.65	2.0	....	5.0	1.0	6.0	5.0	5.0	....	57289	" "
As found	....	2.12	....	5.62	2.23	7.85	5.62	6.33	....		

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
May 27	Mich. Carbon Virg. Tobacco Fertilizer.	57290	P. Contant, St. 3 Alexis.	lbs.	15	Mich. Carbon Works, Buffalo, N.Y.		
" 27	Mich. Carbon, Bone and Potash Fertilizer.	57291	" ..	"	"	"		
" 29	Fertilizer.	57292	D. Dupuis & Fils, St. George, P.Q.	"	"			
" 29	" .....	57293	" ..	"	"	"		
" 29	" .....	57294	" ..	"	"	"		
" 29	" .....	57295	" ..	"	"	German Kali Works, Berlin.		
" 29	" .....	57296	I. E. Dupuis, St. George, P.Q.	"	"	Mich. Carbon Works, Buffalo, N.Y.		
" 29	Mich. Carbon, North Western Havana Tobacco Fertilizer.	57297	" ..	"	"	"	I. E. Julien, Quebec.	
" 30	Victor.	57298	Jos. Alexis Piette, Berthier.	"	Nil	Cap. Chem. and Fert. Co., Buckingham		
" 30	Eureka.	57299	" ..	"	"			
June 2	Mich. Carbon Works, Virg. Tobacco Fertilizer.	57300	Henri Leblanc, St. Jacques.	"	5	A. M. Agr. Chem. Co., New York.		
" 2	Fertilizer.	58401	" ..	"	Nil	"		
" 9	North Western Havana Tobacco Grower.	58902	Alexandre Varin, St. Alexis.	"	"	"		
" 7	High Grade Potato Phosphate	58903	Therinas Durval, St. Esprit.	"	"	Nova Scotia Fert. Co.		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total, including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## THREE RIVERS—Continued.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	57290	Meets guarantee.
	As found....	...	2.20	4.90	4.18	1.42	10.60	9.04	4.35	...	
205	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	57291	"
	As found....	...	2.10	5.13	2.63	1.44	9.20	7.76	4.07	...	
53	As guaranteed	...	1.0	...	...	...	...	9.0	2.0	57292	Low in available phosphoric acid, compensated by excess potash. Probable mistake in identification.
	As found....	...	1.20	...	5.95	1.34	7.33	5.95	3.49	...	
447	As guaranteed	1.65	2.0	...	5.0	1.0	6.0	5.0	5.0	57293	Meets guarantee.
	As found....	...	2.10	...	6.02	1.78	7.80	6.02	5.98	...	
448	As guaranteed	1.65	2.0	...	5.0	1.0	6.0	5.0	7.0	57294	"
	As found....	...	1.80	...	6.46	1.74	7.90	6.46	7.69	...	
17	As guaranteed	2.06	2.50	6.0	2.0	1.0	9.0	8.0	1.5	57295	Apparently a wrong registration number—is a potash salt of good quality.
	As found....	...	...	...	...	...	...	51.16	...	...	
206	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	57296	Meets guarantee.
	As found....	...	2.30	4.95	3.75	1.25	9.95	8.70	4.04	...	
(686)	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	57297	"
	As found....	...	2.20	6.45	1.55	1.35	9.35	8.0	4.8	...	
(83)	As guaranteed	...	2.0	...	...	...	...	7.0	2.0	57298	"
	As found....	...	2.90	...	6.34	1.89	8.23	6.34	2.27	...	
(85)	As guaranteed	...	3.0	...	...	...	...	5.0	4.0	57299	Low in nitrogen, but compensated in value. Uncertain identification.
	As found....	...	1.90	...	6.32	3.18	9.50	6.32	4.50	...	
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	57300	Meets guarantee.
	As found....	...	1.85	5.18	3.22	1.04	9.48	8.40	6.83	...	
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	58901	"
	As found....	...	2.05	3.65	4.36	1.54	9.55	8.01	4.66	...	
646	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	58902	"
	As found....	...	2.20	4.20	4.34	1.39	9.93	8.54	4.60	...	
687	As guaranteed	...	...	...	...	...	...	10.0	...	58903	"
	As found....	...	...	4.21	2.08	0.74	7.03	6.29	0.84	...	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
June	4 Fertilizer.....	58904	Ulric Beaudoin, St. Julienne.	3 lbs.	Nil.	Cap. Chem. and Fert. Co., Buckingham.		
"	6 " .....	58905	Felix Muloin, St. Roch	"	"			
"	9 Northwestern Havana Tobacco Grower.	58906	Felix Lebeau, St. Paul L'Ermite.	3	"	Am. Agr. Chem. Co., New York.		
"	5 Fertilizer. ....	58907	Frs. Godfrind, L'Assomption.	3	"	Lesage Packing and Fert. Co.		
"	10 " .....	58908	Camille Pelletier, St. Jacques.	3	5	"		
"	10 " .....	58909	"	3	5	"		
"	10 " .....	58910	"	3	5	"		
"	11 " .....	58911	K. Monahan, St. Lin.	3	Nil.	Cap. Chem. and Fert. Co., Buckingham.		
"	11 Bowkers Potash Bone.	58912	"	3	"	Bowker Fert. Co.		
"	11 Bowkers Superphosphate with Potash.	58913	"	3	"	"		
"	11 Virginia Tobacco Fertilizer.	58914	Alfred Henri, St. Lin.	3	"	Am. Agr. Chem. Co., Buffalo, N.Y.		
"	12 North Western Complete Manure.	58915	J. B. Limoges, St. Anne.	3	"	"		
"	12 North Western Havana Grower.	58916	"	3	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total : including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

## THREE RIVERS -Concluded.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
83	As guaranteed		2.0					7.0	3.0		58904	
	As found		1.80			5.99	4.01	10.0	5.99	2.92		Meets guarantee, nearly.
83	As guaranteed		2.0					7.0	3.0		58905	
	As found		2.10			6.33	4.01	10.0	6.33	3.21		Meets guarantee.
686	As guaranteed	1.65	2.0	6.0	2.00	1.0	9.0	8.0	4.0		58906	Is a basic slag; incorrect registration number given by inspector.
	As found				14.33	4.50	18.83	14.33		89.9		
486	As guaranteed	3.7	4.5	6.0	2.0	1.0	9.0	8.0	9.0		58907	Incorrectly identified by inspector.
	As found				5.50	2.15	7.65	5.50	3.16			
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.0		58908	
	As found		3.20		5.05	1.85	6.90	5.05	7.10			Meets guarantee.
331	As guaranteed	1.0	1.25		5.0	1.0	6.0		3.0		58909	
	As found		1.00		5.20	2.15	7.35	5.20	3.59			
447	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	5.0		58910	
	As found		1.40		5.00	1.50	6.50	5.00	5.50			
	As found										58911	Inspector gives no registration number and cannot identify
					5.61	3.47	9.08	5.61	2.12			Meets guarantee.
404	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	2.0		58912	
	As found		1.30	5.79	2.75	1.49	10.03	8.54	2.79			
402	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0		58913	
	As found			7.55	3.89	1.89	13.33	11.44	2.13			
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		58914	
	As found		1.80	6.00	3.02	1.01	10.03	9.02	4.40			
226	As guaranteed	2.06	2.50	6.0	2.0	1.0	9.0	8.0	3.0		58915	
	As found		2.70	6.03	2.26	1.14	9.43	8.29	5.40			
686	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		58916	Is a basic slag; incorrect registration given by inspector.
	As found				15.20	3.05	18.25	15.20		95.6		

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF EASTERN TOWNSHIPS—								
1913.								
Mar. 10	Thomas Phosphate Basic Slag.	1561	O. Lemire, Victoriaville.	3 jars	Nil			
" 10	Michigan Carbon Wks., Complete Fertilizer.	1562	" "	3 "	"	Mich. Carbon Wks., Buffalo		
" 13	Jupiter.....	1563	C. Mercier, St. Marie Beauce.	3 "	"	Geo. Tanguay, Quebec.		
" 17	Fruit and Vine.	1564	O. Bolduc, St. George de Windsor.	3 "	"	Mich. Carbon Wks., Buffalo		
April 15	Bowker 6 p. c. Potash.	1565	A. R. Dionne, South Durham.	3 "	"	Bowker Fert. Co., Boston.		
" 15	Sure Crop Phosphate.	1566	" "	3 "	"	"		
" 15	Superphosphate with Potash.	1567	" "	3 "	"			
" 15	Animal Fertilizer.	1568	G. H. Farquhar, South Durham.	3 "	"	Burlington Rendering Co., Burlington.		
" 15	Special Potato..	1569	" "	3 "	"	"		
" 15	Grain Fertilizer.	1570	C. W. Nixon, L'Avenir.	3 "	"	"		
" 16	Eclipse Phosphate for all Crops.	1571	McLary & Riddle Bros., Danville.	3 "	"	The Am. Agr. Co., Boston.		
" 16	Bone, Blood and Potash.	1572	H. Roux & Fils, Danville.	3 "	"	Prov. Chem. Fert. Co., St. John, N.B.		
" 16	Victor Guano. .	1573	" "	3 "	"	"		
" 16	Grain & Potash	1574	" "	3 "	"	"		
" 16	Potato & Vegetable Phosphate	1575	D. Taylor, Richmond.	3 "	"	Bowker Fert. Co., Boston.		
" 16	Corn phosphate.	1576	" "	3 "	"	"		
" 16	Potato & Vegetable.	1577	" "	3 "	"	"		
" 17	Victor Complete	1578	L. E. Thibaudeau, Plessisville.	3 "	"	Cap. Chemical & Fert. Co., Buckingham		
" 17	Royal Canadian	1579	" "	3 "	"	"		
" 17	Union.....	1580	Geo. Lavoire, Plessisville.	3 "	"	Geo. Tanguay, Quebec.		
" 17	Celtic.....	1581	" "	3 "	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.								Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.									
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
501	As guaranteed As found.	.. ..	.. ..	.. ..	13.60 13.25	.. 0.83	14.18 13.25	13.25 13.25	.. ..	84.2 ..	1561	Meets guarantee.	
206	As guaranteed As found.	1.65 ..	2.0 2.37	6.0 5.70	2.0 2.48	1.0 1.60	9.0 9.68	8.0 8.18	4.0 4.13	.. ..	1562	"	
510	As guaranteed As found.	2.06 ..	2.5 2.40	.. 11.20	.. 1.10	.. 1.03	.. 13.33	8.0 12.30	5.0 3.51	.. ..	1563	Potash slightly low; but value compensated by excess phosphoric acid.	
212	As guaranteed As found.	1.65 ..	2.0 2.50	6.0 5.08	2.0 2.95	1.0 1.52	9.0 9.55	8.0 8.03	10.0 9.76	.. ..	1564	Meets guarantee.	
96	As guaranteed As found.	0.82 ..	1.0 1.05	4.0 3.63	2.0 3.29	1.0 1.31	7.0 8.23	6.0 6.92	6.0 7.69	.. ..	1565	"	
97	As guaranteed As found.	0.82 ..	1.0 1.05	6.0 5.15	2.0 4.09	1.0 1.36	9.0 10.60	8.0 9.24	2.0 2.30	.. ..	1566	"	
99	As guaranteed As found.	.. ..	.. 1.17	6.0 5.45	4.0 3.76	1.0 1.57	11.0 10.68	10.0 9.11	2.0 2.47	.. ..	1567	"	
834	As guaranteed As found.	2.0 ..	2.5 2.60	2.85 2.94	2.15 4.46	3.0 2.00	8.0 9.40	5.0 7.40	4.0 4.22	.. ..	1568	"	
832	As guaranteed As found.	2.46 ..	3.0 3.0	2.52 3.46	2.48 3.95	3.0 1.09	8.0 8.50	5.0 7.41	6.0 6.22	.. ..	1569	"	
833	As guaranteed As found.	1.0 ..	1.25 1.0	4.71 6.00	2.29 1.77	1.0 0.58	8.0 8.35	7.0 7.77	4.0 4.03	.. ..	1570	"	
4	As guaranteed As found.	1.03 ..	1.25 1.60	6.0 5.08	2.0 3.34	1.0 1.51	9.0 9.93	8.0 8.42	2.0 2.46	.. ..	1571	"	
71	As guaranteed As found.	.. ..	2.0 2.25	.. ..	.. 6.58	.. 0.82	7.0 7.40	.. 6.58	4.0 5.33	.. ..	1572	"	
68	As guaranteed As found.	.. ..	2.0 2.10	.. ..	.. ..	.. ..	7.0 9.85	.. ..	2.5 2.62	.. ..	1573	"	
67	As guaranteed As found.	.. ..	.. ..	.. ..	.. ..	.. ..	12.0 ..	.. ..	2.0 ..	.. ..	1574	"	
92	As guaranteed As found.	1.65 ..	2.0 1.90	6.0 4.00	2.0 4.13	1.0 1.47	9.0 9.60	8.0 8.13	2.0 2.05	.. ..	1575	"	
93	As guaranteed As found.	1.65 ..	2.0 1.80	6.0 3.80	2.0 4.50	1.0 1.55	9.0 9.85	8.0 8.30	2.0 2.21	.. ..	1576	"	
716	As guaranteed As found.	2.47 ..	3.0 2.18	6.0 4.08	2.0 4.44	1.0 1.25	9.0 9.78	8.0 8.52	4.0 5.14	.. ..	1577	"	
83	As guaranteed As found.	.. ..	2.0 2.20	.. ..	.. ..	.. ..	7.0 11.30	.. ..	3.0 3.61	.. ..	1578	"	
84	As guaranteed As found.	.. ..	4.0 4.75	.. ..	.. ..	.. ..	9.0 9.10	.. ..	5.0 5.91	.. ..	1579	"	
507	As guaranteed As found.	2.47 ..	3.0 3.10	.. ..	8.0 7.55	0.65 ..	8.20 ..	7.55 ..	4.83 ..	.. ..	1580	"	
512	As guaranteed As found.	.. ..	.. ..	.. ..	10.39 ..	1.04 ..	11.43 ..	10.39 ..	4.94 ..	.. ..	1581	"	

J. C. ROULEAU, INSPECTOR.

J. C. ROULEAU, INSPECTOR.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cont.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF EASTERN

1913.								
April 17	Nestor .....	1582	Geo. Lavoie, Plessisville.	3 jars.	Nil.	Geo. Tanguay, Quebec.		
" 17	Capital .....	1583	"	3 "	"	"		
" 17	Monarch. ....	1584	"	3 "	"	"		
" 17	Jupiter .....	1585	"	3 "	"	"		
" 21	Fish Guano ....	1586	J. T. Ralston, Sutton.	3 "	"	National Agr. Corporation, Chicago.		
" 21	Bone & Potash Square Brand.	1587	J. T. Ralston, Sutton.	3 "	"	Bowker Fert. Co., Boston.		
" 21	Farmers' Choice.	1588	"	3 "	"	Nat. Agr. Corporation, Chicago.		
" 21	Extra Superphosphate and Potash.	1589	"	3 "	"	"		
" 21	Pacific Nobisque Guano for all crops.	1590	R. J. Crowell, Sutton.	3 "	"	The Am. Agr. Chem. Co., Boston.		
" 21	Soluble Pacific Guano.	1591	"	3 "	"	"		
" 21	Reads' Practical Potato Special.	1592	"	3 "	"	"		
" 23	Sure Crop Phosphate.	1593	Tinny & Loiselle, Waterloo.	3 "	"	Bowker Fert. Co., Boston.		
" 23	Vermont Phosphate.	1594	"	3 "	"	"		
" 23	Dissolved Phosphate.	1595	A. L. Ralston, Knowlton.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 23	Bradley's Potato Fertilizer.	1596	"	3 "	"	The Am. Agr. Chem. Co., Boston.		
" 23	Eclipse Phosphate for all crops.	1597	"	3 "	"	"		
" 24	Mich. Carbon Homestead Dissolved Bone.	1598	J. H. Aubin, East Angers.	3 "	"	Mich. Carbon Wks., Buffalo		
" 25	Corn and Vegetable Fertilr.	1599	L. A. Plante, St. Hyacinthe.	3 "	"	Lesage Pack & Fert. Co., Ltd., Montreal.		
" 25	Thomas Phosphate.	39081	"	3 "	"	"		
" 25	Potato Fertilizer	39082	"	3 "	"	"		



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

## TOWNSHIPS—Continued.

683	As guaranteed	1.65	2.0	.....	.....	.....	.....	8.0	3.0	.....	1582	Meets guarantee.
	As found.....	.....	2.00	.....	10.87	1.13	12.00	10.87	3.44	.....	.....	
511	As guaranteed	4.0	5.0	.....	.....	.....	.....	8.0	6.0	.....	1583	"
	As found.....	.....	6.40	.....	8.94	0.64	9.58	8.94	6.47	.....	.....	
682	As guaranteed	1.67	2.0	.....	.....	.....	.....	9.0	8.0	.....	1584	"
	As found.....	.....	2.50	.....	9.14	1.09	10.23	9.14	10.38	.....	.....	
510	As guaranteed	2.06	2.5	.....	.....	.....	.....	8.0	5.0	.....	1585	"
	As found.....	.....	3.50	.....	9.57	2.03	13.60	9.57	6.14	.....	.....	
637	As guaranteed	0.80	1.0	7.0	2.0	1.0	10.0	9.0	2.0	.....	1586	"
	As found.....	.....	1.20	8.50	2.80	1.68	10.98	9.30	2.32	.....	.....	
95	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	2.0	.....	1587	Meets guarantee.
	As found.....	.....	1.21	4.35	2.16	0.72	7.23	6.61	2.78	.....	.....	
639	As guaranteed	0.80	1.0	6.0	2.0	1.0	9.0	8.0	5.0	.....	1588	Meets guarantee.
	As found.....	.....	1.18	4.20	3.55	2.03	9.78	7.75	5.66	.....	.....	
636	As guaranteed	.....	.....	8.0	2.0	1.0	11.0	10.0	8.0	.....	1589	Meets guarantee.
	As found.....	.....	0.17	8.90	1.38	2.05	12.33	10.28	7.20	.....	.....	
16	As guaranteed	1.03	1.25	6.0	2.0	1.0	9.0	8.0	2.0	.....	1590	Meets guarantee.
	As found.....	.....	1.30	3.85	4.21	1.72	9.78	8.06	2.14	.....	.....	
14	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5	.....	1591	Meets guarantee.
	As found.....	.....	2.50	5.20	3.37	1.38	9.95	8.57	1.89	.....	.....	
9	As guaranteed	0.82	1.0	3.0	1.0	1.0	5.0	4.0	8.0	.....	1592	Meets guarantee.
	As found.....	.....	1.20	3.14	1.42	0.87	5.43	4.56	6.93	.....	.....	
773	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	1593	Meets guarantee.
	As found.....	.....	1.00	6.05	2.71	1.89	10.65	8.76	2.80	.....	.....	
91	As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	1594	Meets guarantee.
	As found.....	.....	2.50	6.40	1.86	1.34	9.60	8.26	4.96	.....	.....	
49	As guaranteed	.....	.....	12.0	.....	1.0	15.0	14.0	.....	.....	1595	Meets guarantee.
	As found.....	.....	11.85	1.53	3.67	17.05	13.38	.....	.....	.....	.....	
3	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	3.0	.....	1606	Meets guarantee.
	As found.....	.....	2.20	4.53	3.75	1.62	9.90	8.28	5.84	.....	.....	
4	As guaranteed	1.03	1.25	6.0	2.0	1.0	9.0	8.0	2.0	.....	1597	Meets guarantee.
	As found.....	.....	1.25	4.40	4.46	1.89	10.75	8.86	1.60	.....	.....	
202	As guaranteed	.....	.....	10.0	2.0	1.0	13.0	12.0	.....	.....	1598	Meets guarantee.
	As found.....	.....	8.23	2.90	1.45	12.58	11.13	.....	.....	.....	.....	
447	As guaranteed	1.65	2.0	.....	5.0	1.0	6.0	.....	5.0	.....	1599	Meets guarantee.
	As found.....	.....	1.75	.....	6.33	1.47	7.80	6.0	5.74	.....	.....	
338	As guaranteed	.....	.....	.....	12.0	2.0	14.0	.....	.....	.....	39081	Below guarantee.
	As found.....	.....	.....	.....	9.40	3.31	12.71	9.40	.....	77.6	.....	Is very coarsely ground.
449	As guaranteed	2.47	3.0	.....	5.0	1.0	6.0	5.0	10.0	.....	39082	Meets guarantee.
	As found.....	.....	2.30	.....	6.59	1.21	7.80	6.59	9.74	.....	.....	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF EASTERN TOWNSHIPS—

1913.								
April 25	Fine Ground Bone.	29083	L. A. Plante, St. Hyacinthe.	3 jars.	Nil.	Lesage Packing and Fertilizer Co., Ltd., Montreal.		
" 25	Special for Tobacco.	39084	" " "	3 "	"	"		
" 25	Lesage Grain and Wheat Fertilizer.	39085	" " "	3 "	"	"		

## DISTRICT OF MONTREAL—

April 8	Bradley's Potato and Vegetable.	51266	Dupuy & Ferguson, Jacques Cartier Square, Montreal.	3 lbs.	Nil.	Am. Ag. Chem. Co.		
" 8	Bean and Potato Phosphate.	51267	" " "	3 "	"	"		
" 8	Bradley B . . .	51268	" " "	3 "	"	"		
" 9	Gilt Edge Potato and Tobacco Manure.	51269	Montreal Abattoirs Ltd., Montreal.	3 "	"	Vendors.		
" 9	Corn and Cereal Special.	51270	" " "	3 "	"	"		
" 9	Montreal Special Potato Manure.	51271	" " "	3 "	"	"		
" 9 4-7-10	Special . . .	51272	" " "	3 "	"	"		
" 11	Lesage's Royal Potato Manure.	51273	Lesage Packing and Fert. Co., Montreal.	3 "	"	"		
" 11	Quebec Special.	51274	" " "	3 "	"	"		
" 11	Lesage's Tobacco Fertilizer.	51275	" " "	3 "	"	"		
" 11	Lesage's Grain and Wheat	51276	" " "	3 "	"	"		
" 16	Crockers New General Crop.	51277	Lepailleur freres, Lachine, P.Q.	3 "	"	"		
" 26	Tobacco Manure	51278	Wm. Ewing Co. Ltd., Montreal.	3 "	"	W.A. Freeman Co., Ltd., Hamilton.		
" 26	Sure Growth.	51279	" " "	3 "	"	"		
" 26	Phosphate Powder.	51280	" " "	3 "	"	"		
" 26	Potato Manure.	51281	" " "	3 "	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

Concluded.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
330	As guaranteed	3.47	3.0				22.58				39093	
	As found.....		3.00		16.63	9.60	26.23	16.63				Meets guarantee.
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.0		39084	
	As found.....		2.10		5.71	1.29	7.00	5.71	7.61			"
446	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	2.0		39085	
	As found.....		1.80		5.49	2.01	7.50	5.49	3.54			"

## J. J. COSTIGAN, INSPECTOR.

735	As guaranteed	3.29	4.0	6.0	2.0	1.0	9.0	8.0	7.0		51266	Meets guarantee.
	As found.....		3.10	7.70	1.87	0.96	10.53	9.57	7.47			
260	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		51267	
	As found.....		1.25	7.43	1.52	1.00	10.00	9.0	4.84			"
259	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		51268	
	As found.....		1.20	7.38	1.76	1.11	10.25	9.14	4.92			"
555	As guaranteed		3.0					7.0	10.5		51269	* Much below guarantee in potash.
	As found.....		3.65		11.09	2.39	13.48	11.09	2.49			
552	As guaranteed		2.0					8.0	2.0		51270	
	As found.....		2.67		9.39	3.32	12.70	9.39	3.96			Meets guarantee.
556	As guaranteed		1.0					8.0	5.0		51271	
	As found.....		1.07		8.96	2.94	11.90	8.96	3.82			Meets guarantee nearly.
886	As guaranteed	4.0	4.58					7.0	10.0		51272	Low in potash.
	As found.....		4.80		9.41	3.62	13.03	9.41	6.76			
449	As guaranteed	2.47	3.0		5.0	1.0	6.0	5.0	10.0		51273	
	As found.....		2.85		6.81	1.87	8.68	6.81	12.14			Meets guarantee.
331	As guaranteed	1.0	1.25		5.0	1.0	6.0		3.0		51274	
	As found.....		1.31		7.43	1.82	9.25		5.45			"
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.00		51275	
	As found.....		1.89		7.06	0.99	8.05	7.06	8.07			"
446	As guaranteed		2.0		5.0	1.0	6.0	5.0	2.0		51276	
	As found.....		1.99		7.21	1.12	8.33	7.21	3.07			"
301	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	1.0		51277	
	As found.....		1.10	6.22	1.59	1.09	9.34	8.21	1.31			Meets guarantee.
149	As guaranteed	2.47	3.0	5.0	2.0	0.25	7.25	7.0	5.0		51278	
	As found.....		2.20	4.31	6.36	1.52	12.22	10.70	6.47			Meets guarantee.
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		51279	
	As found.....		2.30	4.01	6.09	1.80	11.90	10.10	3.78			Meets guarantee.
151	As guaranteed			13.0	2.0	0.50	15.50	15.0			51280	
	As found.....			14.93	1.62	1.03	17.58	16.55				Meets guarantee.
145	As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0		51281	
	As found.....		2.20	3.91	6.28	1.44	11.63	10.19	6.53			Meets guarantee.

\* Manufacturer claims should be Reg. No. 5.2, when finding would be O.K.

## BULLETIN No. 264—

Date of Collection.	Designation.	No. Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF VALLEYFIELD—

1913.

April 22	Corn Phosphate	51356	Beamer & Chasle, Valleyfield.	3 Lbs. Nil.	Bowker Fert. Co.	Mfrs.		
" 22	Sure Crop Phosphate.	51357	" "	3 "	" "	" "		
" 22	Northwestern Can. Potash.	51358	N. Langevin, Valleyfield.	3 "	" "	" "		
" 22	Thomas Phosphate Flour.	51359	" "	3 "	" "	" "		
May 14	Bowker's Potato	51360	W. J. Boyd, Lachute, P.Q.	3 "	Bowker Fert. Co.	Fert.		
" 14	Corn Phosphate	51361	" "	3 "	" "	" "		
" 14	Bowker's Superphosphate with potash.	51362	" "	3 "	" "	" "		
" 21	Royal Canadian	51363	D. M. Macpherson, Lancaster, Ont.	3 "	" "	" "		

## DISTRICT OF OTTAWA—

April 16	Bradley's New Method.	51768	H. Brown & Sons, Brockville.	3 lbs. Nil.	Amer. Agr. Chem. Co., Buffalo, N.Y.			
" 16	Bradley's Potato Fertilizer.	51769	" "	3 "	" "	" "		
" 16	Bradley's Complete Manure for Potatoes Vegetables.	51770	" "	3 "	" "	" "		
" 16	Bradley's B.D. Sea Fowl Guano.	51771	" "	3 "	" "	" "		
" 16	Read's High Grade Farmer's Friend.	51772	A. E. Cameron, Brockville.	3 "	Amer. Agr. Chem. Co., Carteret, N.J.			
" 16	Read's Standard Superphosphate	51773	" "	3 "	" "	" "		
" 16	Read's Practical Potato Special.	51774	" "	3 "	" "	" "		
" 16	Read's Corn, Wheat and Rye	51775	" "	3 "	" "	" "		
" 16	Read's Pioneer.	51776	" "	3 "	" "	" "		
" 16	Read's Farmer's Reliable.	51777	W. J. Wood, Smith's Falls.	3 "	" "	" "		
" 16	Read's All Crop.	51778	" "	3 "	" "	" "		

## FERTILIZERS AS SOLD.

Registration Number	Analysis of Sample.	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.						
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.		
								</		

J. J. COSTIGAN, ACTING INSPECTOR.

		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.		
109	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		51356	Deficiency in phosphoric acid.
	As found		1.24	2.99	3.14	1.13	7.26	6.13	3.48			Meets guarantee in value.
106	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0		51357	Meets guarantee.
	As found		1.00	5.88	1.80	2.22	9.90	7.68	3.11			
335	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0		51358	Meets guarantee.
	As found		1.30	5.25	0.55	1.08	6.88	5.80	5.81			
253	As guaranteed				13.5		18.0				51359	Meets guarantee.
	As found				14.63	2.90	17.53	14.63		87.5		
411	As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0		51360	Meets guarantee.
	As found		1.00	7.15	2.21	1.74	11.10	9.36	2.36			Low nitrogen and potash.
109	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		51361	Meets guarantee.
	As found		2.50	3.85	4.40	1.85	10.10	8.25	2.30			
402	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0		51362	Meets guarantee.
	As found			7.03	2.73	2.32	12.08	9.76	3.29			
84	As guaranteed		4.0				3.0		5.0		51363	Meets guarantee.
	As found		4.30		10.03	2.73	12.78	10.03	5.45			

J. A. RICKEY, INSPECTOR.

379	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0		51768	Meets guarantee.
	As found		1.20	6.40	2.35	1.35	10.10	8.75	2.67			
392	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	3.0		51769	
	As found		2.40	6.30	2.23	1.22	9.75	8.53	2.72			
394	As guaranteed	3.29	4.0	6.0	2.0	1.0	9.0	8.0	7.0		51770	
	As found		3.80	6.15	2.30	1.09	9.63	8.64	7.22			
188	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		51771	
	As found		2.40	5.00	3.02	1.28	9.30	8.02	2.38			
743	As guaranteed	3.20	4.0	4.0	2.0	1.0	7.0	6.0	10.0		51772	
	As found		4.20	4.96	2.04	1.00	8.00	7.00	9.75			
383	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		51773	
	As found		1.20	7.50	1.23	0.95	9.68	8.73	4.59			
382	As guaranteed	0.82	1.0	3.0	1.0	1.0	5.0	4.0	8.0		51774	
	As found		1.20	2.32	2.27	1.11	5.70	4.53	8.42			
234	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		51775	
	As found		2.00	5.80	3.20	1.38	10.38	9.00	4.50			
738	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0		51776	
	As found		1.20	6.55	2.77	0.83	10.20	9.32	2.50			
737	As guaranteed			10.0	2.0	1.0	13.0	12.0	5.0		51777	
	As found			10.88	1.20	1.07	13.15	12.08	5.42			
739	As guaranteed	0.82	1.0	7.0	2.0	1.0	10.0	9.0	3.0		51778	
	As found		1.00	7.88	2.59	0.68	11.10	10.42	3.21			

Date of Collection	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quants.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF OTTAWA—

1913.								
Apr. 18	Victor	51779	Cap. Chem. and 3 lbs. Fert. Co., Buckingham.	Nil.	Vendors			
	18 Reliance	51780	"	3 "	"	"		
	18 Royal Canadian	51781	"	3 "	"	"		
	18 Eureka Tobacco	51782	"	3 "	"	"		
	18 Potato Special	51783	Cap. Chem. and 3 lbs. Fert. Co., Buckingham.	Nil.	Vendors			
	18 Corn Special	51784	"	3 "	"	"		
	18 Capleton	51785	"	3 "	"	"		
	18 Monarch	51786	"	3 "	"	"		
	21 Sure Growth Manure.	51787	K. McDonald & Sons, Ottawa.	3 "	"	The W. A. Freeman Co., Ltd., Hamilton.	Mrs.	
	21 Pure Bone Meal	51788	"	3 "	"	"		
	21 Bone and Potash	51789	"	3 "	"	"	"	
	21 Celery and Early Veg. Manure.	51790	"	3 "	"	"	"	

## DISTRICT OF KINGSTON—

Apr. 22	Special Potash Mixture.	57301	John Gunyo, Brighton.	3 lbs.	10	A. M. Agr. Chem. Co., Buffalo.		
	22 Bradley's B. D. Sea Fowl Guano	57302	"	3 "	10	"		
	22 High Grade Potash Compound	57303	"	3 "	10	"		
	22 Crookers New York Special Phosphate.	57304	"	3 "	10	"		
	22 Bradley's Potato Fertilizer.	57305	"	3 "	10	"		
	22 Bradley's Complete Man. for Potatoes and Veg.	57306	"	3 "	10	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fineness.		No. of Sample.
		Total, including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
83	As guaranteed	2.0					7.0	3.0			51779	Meets guarantee nearly in value.	
	As found.	2.00		6.12	3.66	9.78	6.12	3.20					
86	As guaranteed	2.0				6.0		2.0			51780		
	As found.	2.40		7.23	1.70	8.93	7.23	2.70					
84	As guaranteed	4.0					9.0	5.0			51781		
	As found.	4.70		8.14	2.46	10.60	8.14	5.47					
85	As guaranteed	3.0					5.0	4.0			51782		
	As found.	3.00		6.28	1.90	8.18	6.28	3.81					
396	As guaranteed	2.0					6.0	8.0			51783		
	As found.	2.26		7.24	2.01	9.25	7.24	6.54					
82	As guaranteed	1.0				7.0		3.0			51784	Meets guarantee.	
	As found.	1.20		9.15	1.98	11.13	9.15	3.00					
337	As guaranteed						7.0				51785		
	As found.			6.36	3.72	10.08	6.36						
857	As guaranteed	1.0					8.0	8.0			51786		
	As found.	3.70		7.66	1.34	9.00	7.66	10.06					
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		51787		
	As found.	3.39	3.45	6.04	1.81	11.30	9.49	4.73					
146	As guaranteed	2.47	3.0		20.0	1.0	21.0	20.0			51788	Guarantee of available phosphoric acid unreasonably high. Meets guaranteed value.	
	As found.		5.10		12.45	8.75	21.20	12.45					
147	As guaranteed		2.0					9.0	6.0		51789	Meets guarantee.	
	As found.		2.20		8.34	1.41	9.75	8.34	8.52				
148	As guaranteed	4.12	5.0	5.5	3.5	0.25	9.25	9.0	5.0		51790		
	As found.		5.10	2.48	4.65	1.35	8.48	7.18	8.27				

JAS. HOGAN, INSPECTOR.

181	As guaranteed	0.82	1.0	7.0	2.0	1.0	10.0	9.0	7.0			57301	Meets guarantee.
	As found		1.25	6.95	2.43	1.17	10.55	9.38	7.38				
188	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5			57302	
	As found		2.65	6.13	1.57	1.45	9.15	7.70	1.83				
182	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0			57303	
	As found		2.20	3.10	4.80	1.55	9.45	7.90	10.84				
192	As guaranteed			8.0	2.0	1.0	11.0	10.0	8.0			57304	
	As found			6.73	2.66	1.54	10.93	9.39	8.80				
392	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	3.0			57305	
	As found		2.67	3.70	4.29	1.31	9.30	7.99	3.69				
394	As guaranteed	3.29	4.0	6.0	2.0	1.0	9.0	8.0	7.0			57306	
	As found		4.20	5.85	2.77	1.33	9.95	8.62	7.28				

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cent.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.

April 22	Sure Growth Manure.	57307	Thompson Macdonald, Cobourg.	3 lbs.	10	W. A. Freeman Co., Ltd., Hamilton.		
	Potato Manure	57308	"	3 "	10	"		

## DISTRICT OF TORONTO—

Mar. 17	Gunn's Shur-Crop General Garden No. 9.	57060	Gunn's Ltd., West Toronto.	3 lbs.	15	Vendors		
17	Gunn's Shur-Crop Wheat Spec. No. 8.	57061	"	3 "	15	"		
17	Gunn's Shur-Crop Tobacco Producer No. 1.	57062	"	3 "	15	"		
17	Gunn's Shur-Crop Corn Manure No. 4.	57063	"	3 "	15	"		
17	Gunn's Shur-Crop Bean Grower No. 6.	57064	"	3 "	15	"		
18	Harab No. 1 Potato Special.	57065	Harris Abattoir Company, Ltd., Toronto.	3 "	15	"		
18	Harab No. 6 Cereal and Corn Ferter.	57066	"	3 "	15	"		
18	Harab No. 7 Potash Compound.	57067	"	3 "	15	"		
18	Harab No. 12 Lambton Special.	57068	"	3 "	15	"		
18	Harab No. 13 Farmer's Special.	57069	"	3 "	15	"		
19	Harab No. 2 General Garden.	57070	"	3 "	15	"		
19	Harab No. 5 Orchard.	57072	"	3 "	15	"		
19	Harab No. 15 Fall Wheat Special.	57073	"	3 "	15	"		
19	Harab No. 2 N. B. Potato Special with 10 p.c. Potash.	57074	"	3 "	15	"		



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

## KINGSTON—Concluded.

	p.c.	p.c.	p.c.	p.c.	s.c.	p.c.	p.c.	p.c.	p.c.		
144 As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0	...	57307	Meets guarantee.
As found.....	3.10	4.08	6.14	1.88	12.10	10.22	4.67	...	...	...	
145 As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0	...	57308	"
As found.....	2.50	4.58	6.28	2.32	13.18	10.86	4.19	...	...	...	

## H. J. DAGER—INSPECTOR.

619 As guaranteed	3.0	3.64	5.0	...	...	...	5.0	6.0	...	57060	Meets guarantee.
As found.....	3.50	1.00	7.08	1.32	9.40	8.08	7.16	...	...	...	
618 As guaranteed	2.0	2.40	9.0	...	...	...	9.0	2.0	...	57061	"
As found.....	1.93	6.68	2.58	2.12	11.38	9.26	1.94	...	...	...	
611 As guaranteed	3.0	3.64	8.0	...	...	...	8.0	8.0	...	57062	"
As found.....	3.32	3.83	5.88	2.22	11.43	9.21	8.58	...	...	...	
614 As guaranteed	2.0	2.40	9.0	...	...	...	9.0	5.0	...	57063	"
As found.....	2.40	6.08	2.30	2.00	10.38	8.38	6.10	...	...	...	
616 As guaranteed	2.0	2.40	7.0	...	...	...	7.0	8.0	...	57064	"
As found.....	2.20	3.90	4.30	1.70	9.90	8.20	8.82	...	...	...	
171 As guaranteed	3.0	3.64	...	...	...	6.0	...	8.0	...	57065	"
As found.....	3.60	...	...	...	...	8.63	...	8.20	...	...	
701 As guaranteed	2.0	2.40	...	...	...	9.0	...	3.0	...	57066	"
As found.....	2.50	...	...	...	...	9.43	...	3.06	...	...	
476 As guaranteed	2.0	2.40	...	...	...	7.0	...	8.0	...	57067	"
As found.....	2.40	...	...	...	...	7.68	...	9.52	...	...	
652 As guaranteed	2.0	2.40	...	...	...	8.0	...	10.0	...	57068	"
As found.....	2.80	...	...	...	...	9.33	...	10.92	...	...	
633 As guaranteed	1.0	1.2	...	...	...	8.0	...	5.0	...	57069	"
As found.....	1.25	...	...	...	...	8.60	...	4.74	...	...	
472 As guaranteed	3.0	3.64	...	...	...	7.0	...	3.0	...	57070	"
As found.....	3.62	...	...	...	...	7.78	...	2.93	...	...	
654 As guaranteed	1.0	1.2	...	...	...	8.0	...	8.0	...	57072	"
As found.....	1.40	...	...	...	...	8.75	...	7.84	...	...	
663 As guaranteed	2.0	2.40	...	...	...	7.0	...	2.0	...	57073	"
As found.....	2.45	...	...	...	...	8.40	...	2.28	...	...	
696 As guaranteed	3.0	3.64	...	...	...	7.0	6.0	10.0	...	57074	"
As found.....	2.90	...	7.24	0.94	8.18	7.21	10.27	...	...	...	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF TORONTO—								
1913.								
Mar. 20	Gunn's Shur-Crop Blood & Bone Compound No. 15.	57075	Gunn's, Ltd., West Toronto.	3 lbs.	15	Vendors.....		
" 20	Gunn's Shur-Crop Fertilizer. Fine Steamed Bone No. 13.	57076	" " "	3 "	15	" "		
" 20	Gunn's Shur-Crop Potato & Celery Special No. 5.	57077	" " "	3 "	15	" "		
" 20	Green Bone Meal	57078	" " "	3 "	15	" "		No. reg. Number on Bag. Application has been made to Dep. for registration.
" 22	H. Brand Fertilizer.	57079	W. Harris & Co., Toronto.	3 "	15	" "		Vendors said that application had been made to the Dep. for registration.
" 24	Cereal Fertilizer	57080	The Wm. Davies Co., Ltd., West Toronto.	3 "	15	" "		
" 24	Sure Growth....	57081	" " "	3 "	15	" "		
" 24	General Crop...	57082	" " "	3 "	15	" "		
" 24	Grape and Small Fruit Special.	57083	" " "	3 "	15	" "		
" 24	Corn Special....	57084	" " "	3 "	15	" "		
" 25	Basic Slag A Quality.	57085	" " "	3 "	15		The Cross Fert. Co., Ltd., Sydney, N.S.	
" 25	Tobacco Grower	57086	" " "	3 "	15	Vendors.....		
" 25	Potato Grower..	57087	" " "	3 "	15	" "		
" 25	Pure Bone Meal	57088	" " "	3 "	15	" "		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.					
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total Available.		
							</		

Continued.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. d.	p. c.		
657	As guaranteed	7.0	8.5	7.0	8.81	1.75	10.85	7.0	2.0		57075	Meets guarantee.
	As found		7.90	0.29				9.10	1.89			
623	As guaranteed	3.0	3.64	22.0			22.0				57076	Deficient in available phosphoric acid. Unreasonable claim; possibly an error in claim.
	As found		3.50	0.47	15.14	4.67	20.28	15.61				
615	As guaranteed	2.0	2.4	8.0			8.0	10.0			57077	Meets guarantee.
	As found		2.40		8.51	1.99	10.50	8.51	10.04			
					11.85	11.78	23.63	11.85			57078	Not identified, and apparently not registered.
(855)	As guaranteed	5.35	6.50	Trace	7.02	5.35	12.37	7.02			57079	Meets guarantee.
	As found		7.30		7.86	4.27	12.13	7.86				
364	As guaranteed	2.06	2.5	6.0	3.0	2.0	11.0	9.0	2.0		57080	Meets guarantee.
	As found		2.60	8.05	3.14	1.61	12.80	11.19	2.77			
674	As guaranteed	2.47	3.0				10.0	9.0	3.0		57081	Meets guarantee.
	As found		3.20		10.17	1.73	11.90	10.17	3.37			
249	As guaranteed	2.47	3.0				10.0	8.0	2.0		57082	Meets guarantee.
	As found		3.20		8.20	1.15	9.35	8.20	2.09			
675	As guaranteed	1.64	2.0				9.0	8.0	10.0		57083	Meets guarantee.
	As found		2.10		7.68	1.22	8.90	7.68	9.14			
669	As guaranteed	1.64	2.0				9.0	8.0	2.0		57084	Meets guarantee.
	As found		2.00		8.31	1.67	9.98	8.31	1.81			
557	As guaranteed				12.80						57085	Meets guarantee.
	As found				13.45	0.60	14.05	13.45		86.2		
369	As guaranteed	1.64	2.0	3.0	5.0	2.0	10.0	8.0	5.0		57086	Meets guarantee.
	As found		3.70	2.94	6.62	1.32	10.88	9.56	6.84			
670	As guaranteed	2.47	3.0				7.0	6.0	10.0		57087	Low in potash, but fully up to total value.
	As found		3.10	3.90	5.24	7.25	16.39	9.14	8.00			
244	As guaranteed	3.29	4.0				20.0				57088	Meets guarantee.
	As found		3.68		12.05	11.53	23.58	12.05				

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.

Mar. 25	Fine Steamed Bone.	57089	The Wm. Davies Co., Ltd., West Toronto.	3 lbs.	15	Vendors		
" 25	Bean and Pea Special.	57090	"	3	15	"		
" 26	Blood and Bone.	57091	"	3	15	"		
" 26	Hay and Meadow Special.	57092	"	3	15	"		
" 26	Sugar Beet Special.	57093	"	3	15	"		
" 26	Wheat Phosphate.	57094	"	3	15	"		
" 26	Potato Special.	57095	"	3	15	"		
April 28	Harab No. 11, Clover and Hay.	57096	The Harris Abattoir Co., Ltd., Toronto.	3	15	"		
" 28	Harab No. 3, Early Vegetable.	57097	"	3	15	"		
" 28	Harab No. 14, Tobacco Special.	57098	"	3	15	"		
" 28	Harab No. 4, Gardeners Special.	57099	"	3	15	"		
" 28	Harab Complete Fert., with 10 p.c.	57100	"	3	15	"		
" 30	Pure Ground Blood.	57196	"	3	15	"		
" 30	Harab No. 10, Blood and Bone.	57197	"	3	15	"		
" 30	Harab No. 8, Fine Steamed Bone.	57198	"	3	15	"		
May 1	GunnsShur-Crop Berry Special, No. 12.	57199	Gunns Ltd., West Toronto.	3	15	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.								Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.									
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.				
366	As guaranteed	4.93	6.0				22.0					57089	
	As found..		5.70		16.88	7.15	24.03	16.88					Meets guarantee
668	As guaranteed	1.0	1.0				9.0	8.0	5.0			57090	
	As found.....		1.00	3.85	5.29	14.98	24.12	9.14	6.83				Meets guarantee Great excess of phosphoric acid. Apparently mistaken identity of brand.
678	As guaranteed	4.93	6.0				13.0	10.0				57091	
	As found.....		7.30		10.97	3.53	14.50	10.97	1.45				Meets guarantee
673	As guaranteed	3.3	4.0				6.0	5.0	3.0			57092	
	As found.....		3.60		6.87	1.06	7.93	6.87	4.62				"
667	As guaranteed	1.64	2.0				11.0	10.0	5.0			57093	
	As found.....		2.20		11.38	7.35	18.73	11.38	5.70				
666	As guaranteed	1.64	2.0				11.0	10.0	2.0			57094	
	As found.....		1.80		9.24	1.84	11.08	9.24	2.73				"
390	As guaranteed	3.3	4.0	1.0	5.0	2.0	8.0	6.0	3.0			57095	
	As found.....		4.40	1.81	6.50	1.06	9.45	8.40	9.15				Meets guarantee Excess potash. Possible mistaken identity.
479	As guaranteed	6.0	7.28				3.0		5.0			57096	
	As found.....		7.00				5.91		4.31				Meets guarantee
473	As guaranteed	4.0	4.8				6.0		4.0			57097	
	As found.....		4.90				7.58		3.90				"
482	As guaranteed	3.0	3.6				8.0		6.0			57098	
	As found.....		3.70				9.53		6.89				"
655	As guaranteed	5.0	6.1				6.0		8.0			57099	
	As found.....		5.71				7.58		4.86				Deficiency in potash.
695	As guaranteed		4.0				7.0	6.0	10.0			57100	
	As found.....		4.30		7.14	1.11	8.25	7.14	7.53				"
653	As guaranteed	11.0	13.35				2.0					57196	
	As found.....		11.65				1.14						Deficient in nitrogen.
478	As guaranteed	7.0	8.5				10.0					57197	
	As found.....		8.13				9.25						Meets guarantee
293	As guaranteed	3.5	4.0				22.0					57198	
	As found.....		3.48		13.90	4.87	18.06	13.90					Below guarantee in phosphoric acid.
622	As guaranteed	1.0	1.2	8.0				8.0	8.0			57199	
	As found.....		1.2	4.33	3.42	0.93	8.66	7.75	8.17				Meets guarantee.

TORONTO—Continued.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cent.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.

May	1 GunnsShur-Crop Bowling Green and Lawn Special.	57200	Gunnis Ltd., West Toronto.	3 "	15	Vendors		
"	1 GunnsShur-Crop Forcing Girth, No. 7.	57405	"	3 "	15	"		
"	1 GunnsShur-Crop Sugar Beet Special, No. 2.	57406	"	3 "	15	"		
"	1 GunnsShur-Crop Early Vegetable, No. 10.	57407	"	3 "	15	"		
"	1 GunnsShur-Crop Pulverized Steamed Bone, No. 14.	57408	"	3 "	15	"		

## DISTRICT OF HAMILTON—

April	9 Bone Meal	57167	Ward and Kelly, Brantford, Ont.	3 lbs.	15	International Agr. Co., Buffalo, N. Y.		
"	9 Wheat Special.	57168	"	3 "	15	"		
"	9 Extra Phosphate and Potash.	57169	"	3 "	15	"		
"	9 Chapman's Tomato Special.	57170	"	3 "	15	"		
"	9 Fruit and Vine	57171	The Brant Seed Co., Brantford.	3 "	15	Shaal Sheldon Fert. Co., Buffalo.		
"	9 Grass and Grain	57172	"	3 "	15	"		
"	9 Stone Brand, XXX Potato Fertilizer.	57173	E. Pitts, Paris.	3 "	15	Wm. Stone & Sons, Ltd., Ingersoll.		
"	10 Stone Brand Grain and Root Fertilizer.	57174	E. Pitts, Paris.	3 "	15	Wm. Stone & Sons, Ltd., Ingersoll.		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Finest.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## TORONTO—Continued.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
613	As guaranteed	5.0		6.0				6.0	7.0		57200	Meets guarantee.
	As found		5.05	5.43	1.78	0.79	8.00	7.21	7.99			
617	As guaranteed	5.0	6.07	8.0				8.0	7.0		57405	Low in nitrogen. Explained as sampling of an incomplete mix.
	As found		4.06	6.45	1.56	0.94	8.95	8.01	7.13			
612	As guaranteed	2.0	2.4	6.0				6.0	9.0		57406	Meets guarantee.
	As found		2.15	2.95	3.51	0.99	7.45	6.46	8.55			
620	As guaranteed	4.0	4.86	6.0				6.0	7.0		57407	Below guarantee slightly.
	As found		3.0	3.70	5.23	1.20	10.13	8.93	6.72			
624	As guaranteed	3.0	3.64	22.0				22.0			57408	Below guarantee in phosphoric acid. Claim for available is unreasonable. Possible error in the claim.
	As found		4.36	0.44	13.71	6.10	20.25	14.15				

## H. J. DAGER, ACTING INSPECTOR.

648	As guaranteed	2.40	3.0				22.0				57167	Meets guarantee, nearly.
	As found		3.0		13.16	7.37	20.53	13.16				
638	As guaranteed	2.0	2.5	6.0	2.0	1.0	9.0	8.0	1.5		57168	Meets guarantee.
	As found		2.50	4.50	3.37	2.01	9.88	7.87	2.65			
636	As guaranteed			8.0	2.0	1.0	11.0	10.0	8.0		57169	"
	As found			8.20	1.52	1.33	11.05	9.72	8.13			
644	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	10.0		57170	"
	As found		2.50	5.85	2.60	1.53	10.0	8.45	9.82			
383	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		57171	"
	As found		1.60	4.85	4.97	1.96	11.78	9.82	5.24			
356	As guaranteed	1.23	1.50	6.0	2.0	1.0	9.0	8.0	7.0		57172	"
	As found		1.90	5.60	3.06	1.24	9.90	8.66	7.84			
546	As guaranteed	1.64	2.0	6.50	1.50	1.25	9.25	8.0	6.0		57173	"
	As found		2.0	4.10	5.20	1.63	10.93	9.30	6.14			
545	As guaranteed	1.64	2.0	6.50	1.50	1.25	9.25	8.0	2.0		57174	"
	As found		2.15	4.33	5.1	1.64	11.15	9.51	2.07			

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF HAMILTON								
1913.								
April 11	Crocker's Practical Potato Fertilizer.	57175	Howard L. Knox, Lynden.	3 lbs.	15	The Am. Agr. Chem. Co., N.Y.		
" 11	Crocker's Wheat and Corn Fertilizer.	57176	" " "	3 "	15	"		
" 11	Crocker's Best Potash Fertilizer.	57177	" " "	3 "	15	"		
" 11	Crocker's New York Special Phosphate.	57178	" " "	3 "	15	"		
" 15	Bowker's Market Garden Fertilizer.	57179	E. W. Moore & Son, Dunnville.	3 "	15	Bowker Fert. Co., Boston and N.Y.		
" 15	Farm and Garden Phosphate.	57180	" " "	3 "	15	"		
" 15	Crocker's Complete Manure.	57181	H. Bartlett, Dunnville.	3 "	15	The Am. Agr. Chem. Co., N.Y.		
" 15	Ideal Wheat and Corn.	57182	B. L. Edgcombe, Dunnville.	3 "	15	The International Agr. Co., Buffalo, N.Y.		
" 15	Sugar Beet Grower.	57183	" " "	3 "	15	"		
" 15	Fish Guano....	57184	" " "	3 "	15	"		
" 15	Celery and Potato Special.	57185	" " "	3 "	15	"		
" 15	Farmers Choice.	57186	" " "	3 "	15	"		
" 16	Bradley's B.D. Sea Fowl Guano.	57187	Titterington Bros., St. Catharines.	3 "	15	The Am. Agr. Chem. Co., N.Y.		
" 19	Celery and Early Vegetable Manure.	57188	The W. A. Freeman Co., Ltd., Hamilton.	3 "	15	Vendors...		
" 19	Potato Manure.	57189	" " "	3 "	15	"		
" 19	Sure Growth Manure.	57190	" " "	3 "	15	"		
" 19	Lawn Fertilizer.	57191	" " "	3 "	15	"		
" 19	Ontario Manure.	57192	" " "	3 "	15	"		
" 19	Pure Bone Meal	57193	" " "	3 "	15	"		



## FERTILIZERS AS SOLD.

Fertilizer Name	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst	
		Nitrogen p.e.		Phosphoric Acid per cent.						Potash.	Fineness.		No. of Sample
		Total, including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
198	As guaranteed As found. . .	0.82 1.11	1.0 3.25	3.0 0.88	1.0 0.90	1.0 5.03	5.0 4.18	4.9 7.79	8.0 7.79		57175	Meets guarantee.	
195	As guaranteed As found. . .	2.06 2.55	2.50 4.60	6.0 3.17	2.0 1.31	1.0 9.08	9.0 7.77	8.0 2.01	1.0 2.01		57176		"
194	As guaranteed As found. . .	1.65 2.05	2.0 5.30	6.0 3.11	2.0 1.64	1.0 10.05	9.0 8.41	8.0 10.58	10.0 10.58		57177	"	
192	As guaranteed As found. . .			8.0 7.38	2.0 2.60	1.0 0.80	11.0 10.78	10.0 9.98	8.0 7.42		57178	"	
578	As guaranteed As found. . .	2.47 4.10	3.0 3.70	4.0 3.70	2.0 4.52	1.0 1.78	7.0 10.00	6.0 8.22	10.0 8.01		57179	Low in potash, but value compensated.	
577	As guaranteed As found. . .	1.65 2.10	2.0 2.28	6.0 5.40	2.0 2.07	1.0 9.75	9.0 7.68	8.0 2.20	2.0 2.20		57180	Meets guarantee.	
380	As guaranteed As found. . .	0.82 1.00	1.0 6.70	6.0 0.87	2.0 1.18	1.0 8.75	9.0 7.57	8.0 4.04	4.0 4.04		57181	"	
641	As guaranteed As found. . .	1.60 2.90	2.0 7.95	7.0 0.99	2.0 1.81	1.0 10.75	10.0 8.94	9.0 5.58	5.0 5.58		57182	"	
640	As guaranteed As found. . .	1.60 1.90	2.0 1.90	6.0 5.30	2.0 3.02	1.0 1.31	9.0 9.63	8.0 8.32	4.0 4.79		57183	"	
637	As guaranteed As found. . .	0.80 1.10	1.0 5.80	7.0 3.20	2.0 1.23	1.0 10.23	10.0 9.00	9.0 3.44	2.0 3.44		57184	"	
643	As guaranteed As found. . .	1.60 1.95	2.0 6.00	2.0 2.40	1.0 1.10	9.0 9.50	8.0 8.40	10.0 9.60	10.0 9.60		57185	"	
639	As guaranteed As found. . .	0.80 1.10	1.0 4.40	6.0 3.37	2.0 1.73	1.0 9.50	9.0 7.77	8.0 5.02	5.0 5.02		57186	"	
188	As guaranteed As found. . .	2.06 2.56	2.5 4.78	6.0 3.04	2.0 1.23	1.0 9.05	9.0 7.82	8.0 2.31	1.5 2.31		57187	"	
148	As guaranteed As found. . .	4.12 5.61	5.0 7.63	5.5 2.77	3.5 1.13	0.25 11.58	9.25 10.40	9.0 5.78	5.0 5.78		57188	Meets guarantee.	
145	As guaranteed As found. . .	2.47 3.35	3.0 4.25	5.0 7.01	3.0 2.07	0.25 13.33	8.25 11.26	8.0 6.87	5.0 6.87		57189	Meets guarantee.	
144	As guaranteed As found. . .	2.89 2.40	3.5 4.05	5.0 6.49	3.0 1.71	0.25 12.25	8.25 10.54	8.0 3.13	3.0 3.13		57190	Meets guarantee.	
157	As guaranteed As found. . .	2.47 2.13	3.0 10.05	5.50 1.13	3.50 1.07	0.25 12.25	9.25 11.18	9.0 4.82	4.0 4.82		57191	Meets guarantee.	
374	As guaranteed As found. . .		5.50 7.25	2.50 1.39	0.50 0.76	8.50 9.40	8.0 8.64	5.0 4.78	5.0 4.78		57192	Meets guarantee.	
146	As guaranteed As found. . .	2.47 5.29	3.0 12.95	20.0 8.85	1.0 21.80	21.0 12.95	20.0 12.95	20.0 12.95	20.0 12.95		57193	Essentially meets guarantee. Excessive claim for available phosphoric acid	

Continued.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.

April 24	Bone and Potash	57194	The W. A. Freeman Co., Ltd., Hamilton.	3 lbs.	15	Vendors		
" 24	Tobacco Manure	57195		3 "	15	"		

## DISTRICT OF WINDSOR—

April 15	Harab Potash Compound.	47987	M. J. Smith, Chatham, Ont.	3 Jars	Nil.	Harris Abattoir Co., Toronto.		
15	Davies Corn Spe	47988	F. W. Charteris.	3 "	"	Davies Co., Toronto.		
" 15	Davies Tobacco Special.	47989	"	3 "	"	"		
15	Cereal and Corn	47990	M. J. Smith, Chatham, Ont.	3 "	"	Harris Abattoir Co., Toronto.		
" 15	Potato Special.	47991	"	3 "	"	"		
" 15	Farmers Special.	47992	"	3 "	"	"		
" 15	Tobacco Special	47993	"	4 "	"	"		
" 15	Davies Sugar Beet Special.	47994	F. W. Charteris, Chatham.	3 "	"	Davies Co., Toronto.		
" 15	Davies Sure Growth.	47995	"	3 "	"	"		
" 15	Chapmans Tomato Special.	47996	J. D. Soutar, Chatham.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 15	Ideal.	47997	"	3 "	"	"		
" 15	Fish Guano	47998	"	"	"	"		
" 16	Bone, Blood and Potash.	54801	Wm. Stone & Sons, Ingersoll.	3 "	"	Vendors		
" 16	Garden Truckers	54802	"	3 "	"	"		
" 16	Fodder Special.	54803	"	3 "	"	"		
" 16	Tobacco Manure	54804	"	3 "	"	"		
" 16	Grain & Root.	54805	"	3 "	"	"		
" 16	Potato & Beet	54806	"	3 "	"	"		
" 16	Fruit Special.	54807	"	3 "	"	"		
" 16	Potato Manure	54808	A. Hasting & Sons, Woodstock.	3 "	12½	W. A. Freeman Co., Hamilton		
" 16	Sure Growth.	54809	"	3 "	12½	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.						
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Inverted or Citrate Soluble.	Insoluble.	Total.	Total Available.		

## HAMILTON—Continued.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
147	As guaranteed	1 65	2 0	5 50	3 50	0 25	9 25	9 0	6 0		57194	Meets guarantee.
	As found.....	1 76	3 88	6 32	1 88	12 08	10 20	5 12				
149	As guaranteed	2 47	3 0	5 0	2 0	0 25	7 25	7 0	5 0		57195	Meets guarantee.
	As found.....	4 51	4 30	5 59	1 46	11 35	9 89	4 27				

## JNO. TALBOT, INSPECTOR.

476	As guaranteed	2 0	2 4				7 0		8 0		47987	
	As found.....		2 25				8 93		6 49			Meets guarantee.
609	As guaranteed	1 64	2 0				9 0	8 0	2 0		47988	Meets guarantee nearly.
	As found.....		1 77		7 78	1 27	9 05	7 78	1 17			
369	As guaranteed	2 47	3 0				10 0	8 0	6 0		47989	
	As found.....		4 5		9 65	2 00	11 65	9 65	6 00			Meets guarantee.
701	As guaranteed	2 0	2 4				9 0		3 0		47990	
	As found.....		2 45				9 38		3 21			Meets guarantee.
471	As guaranteed	3 0	3 64				6 0		8 0		47991	
	As found.....		3 25		7 74	2 29	10 03	7 74	9 00			Meets guarantee.
633	As guaranteed	1 0	1 2				8 0		5 0		47992	Low in potash and phosphoric acid.
	As found.....		1 22				6 34		3 00			
482	As guaranteed	3 0	3 64				8 0		6 0		47993	
	As found.....		4 00				7 78		8 31			Meets guarantee.
687	As guaranteed	1 64	2 0				11 0	10 0	5 0		47994	
	As found.....		2 20		9 99	6 35	16 25	9 90	5 42			Meets guarantee.
674	As guaranteed	2 47	3 0				10 0	9 0	3 0		47995	
	As found.....		3 90		11 03	1 87	12 90	11 03	3 06			"
644	As guaranteed	1 60	2 0	6 0	2 0	1 0	9 0	8 0	10 0		47996	
	As found.....		2 00	5 50	1 74	1 06	8 30	7 24	14 18			"
941	As guaranteed	1 60	2 0	7 0	2 6	1 0	10 0	9 0	5 0		47997	
	As found.....		2 00	6 60	2 53	1 47	10 60	9 13	5 18			"
65	As guaranteed	0 80	1 0	7 0	2 0	1 0	10 0	9 0	2 0		47998	
	As found.....		1 20	5 50	3 74	1 91	11 15	9 24	2 58			"
544	As guaranteed	3 29	4 0	5 5	2 5	1 5	9 5	8 0	7 0		54801	
	As found.....		3 40	4 50	5 75	1 50	11 75	10 25	6 67			"
543	As guaranteed	4 94	6 0	4 0	3 0	1 75	8 75	7 0	5 0		54802	
	As found.....		6 00	3 15	5 87	0 81	9 83	9 02	5 01			"
702	As guaranteed	0 82	1 0				10 0	9 0	2 0		54803	
	As found.....		0 95		9 13	1 20	10 33	9 13	1 64			"
541	As guaranteed	2 47	3 0	5 5	1 5	1 25	8 25	7 0	4 0		54804	
	As found.....		3 00	3 28	5 53	0 92	7 73	6 81	4 64			"
545	As guaranteed	1 64	2 0	6 5	1 5	1 25	9 25	8 0	2 0		54805	
	As found.....		1 90	4 38	3 89	1 18	9 46	8 27	2 03			"
709	As guaranteed	1 64	2 0				1 25	9 25	8 0	6 0	54806	
	As found.....		1 90		8 08	1 42	9 50	8 08	5 30			"
539	As guaranteed	1 64	2 0	6 5	1 5	1 25	9 25	8 0	10 0		54807	
	As found.....		2 00	5 73	3 01	1 11	9 85	8 74	9 33			"
5	As guaranteed	2 47	3 0	5 0	3 0	0 25	8 25	8 0	5 0		54808	
	As found.....		2 50	4 40	5 60	2 15	12 15	10 00	4 82			"
144	As guaranteed	2 9	3 5	5 0	3 0	0 25	8 25	8 0	3 0		54809	
	As found.....		2 70	3 00	6 48	2 45	11 93	9 48	2 79			"

## BULLETIN No. 264-

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF WINDSOR--

1913.								
April 16	Nitrate of Soda..	54810	A. Hastings & Son, Woodstock, Ont.	3 jars.	25	W. A. Freeman Co., Hamilton.		No label. No reg. number.
" 16	Bone Black.....	54811	A. Patrick, Woodstock, Ont.	3 "	Nil.	Mich. Carbon Wks., Detroit		Could not read reg. number.
" 21	Fodder Special..	54812	O'Brien Bros., St. Marys, Ont.	3 "	"	Wm. Stone & Sons, Ingersoll.		
" 21	Potato Brand...	54813	"	3 "	"	"		
" 21	Homestead Bean Special.	54814	Frank Standeven, St. Marys.	3 "	"	Mich. Carbon Wks., Detroit		
" 21	A. I. Potash Fertilizer.	54815	"	3 "	"	"		
" 21	Bone Black.....	54816	"	2 "	"	"		
" 21	Davies Lawn Dressing.	54817	J. A. Andrew, Stratford.	3 "	10	Davies Co., Toronto.		
" 21	Bone Meal.....	54818	"	3 "	10	Nitrate Agencies Co., New York.		No number.
" 22	Homestead Bone Black.	54819	Chas. Layton, Seaford.	3 "	Nil.	Mich. Carbon Wks., Detroit		
" 22	Grain and Root	54820	Ford & McLeod, Clinton.	3 "	"	Wm. Stone & Sons, Ingersoll.		
" 23	Tomato Special.	54821	Geo. Philp, jr., St. Thomas.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 23	High Grade Ma-	54822	"	3 "	"	"		
" 23	Celery and Potato Special.	54823	"	3 "	"	"		
" 23	Dissolved Phosphate.	54824	"	3 "	"	"		
" 24	Potato Manure..	54825	A. M. Hamilton, London, Ont.	3 jars.	10	W. A. Freeman Co., Hamilton.		
" 24	Canadian Manure.	54826	"	3 "	10	"		
" 24	Sure Growth....	54827	"	3 "	10	"		

## DISTRICT OF ROCKY MOUNTAINS--

Apr. 23	A. Fertilizer. . .	49877	Brackman Ker M. Co., Nelson, B.C.	3 lbs.	15	Victoria Chem. Co., Victoria, B.C.		
" 23	B. Fertilizer....	49878	"	3 "	15	"		
" 23	C. Fertilizer....	49879	"	3 "	15	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

Continued.

		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.		
(153)	As guaranteed	15.0	18.0								54810	Meets guarantee as assumed.
	As found		18.40									
(213)	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54811	Meets guarantee as assumed.
	As found		2.60	7.30	1.99	1.41	10.70	9.29	1.96			
742	As guaranteed	0.82	1.0			1.0	10.0	9.0	2.0		54812	Meets guarantee.
	As found		1.11		9.22	1.43	10.65	9.22	2.12			
546	As guaranteed	1.64	2.0	6.5	1.5	1.25	9.25	8.0	6.0		54813	Meets guarantee.
	As found		2.72	4.05	5.93	3.10	13.08	9.98	6.68			
525	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	3.0		54814	Meets guarantee.
	As found		2.26	6.88	1.51	1.64	10.03	8.39	3.70			
526	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	3.0		54815	Meets guarantee.
	As found		1.63	6.75	2.19	1.36	10.30	8.94	3.97			
213	As guaranteed	2.66	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54816	Meets guarantee.
	As found		2.64	6.88	1.45	1.62	9.95	8.33	1.87			
361	As guaranteed	3.3	4.0	1.0	5.0	2.0	8.0	6.0	3.0		54817	Meets guarantee.
	As found		4.44	1.02	6.20	1.78	9.0	7.22	3.37			
	As found		3.25		14.20	5.80	20.00	14.20			54818	Not identified, and apparently not registered.
213	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54819	Meets guarantee.
	As found		2.55	6.03	3.11	1.81	10.95	9.14	1.77			
545	As guaranteed	1.64	2.0	6.5	1.5	1.25	9.25	8.0	2.0		54820	Meets guarantee.
	As found		2.55	4.80	5.08	2.20	12.08	9.88	2.76			
644	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	10.0		54821	Meets guarantee.
	As found		2.00	6.60	2.08	1.00	9.68	8.68	9.82			
647	As guaranteed	3.3	4.0	5.0	2.0	1.0	8.0	7.0	10.0		54822	Meets guarantee.
	As found		3.50	6.23	2.15	0.77	9.15	8.38	11.60			
643	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	10.0		54823	Meets guarantee.
	As found		2.00	5.83	3.97	1.83	11.33	9.80	9.18			
634	As guaranteed			12.0	2.0	1.0	15.0	14.0			54824	Meets guarantee.
	As found			11.80	1.71	2.57	16.08	13.51				
145	As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0		54825	
	As found		4.54	3.95	5.37	2.08	11.40	9.32	6.18			Meets guarantee.
375	As guaranteed	2.47	2.5	5.5	2.5	0.50	8.50	8.0	1.5		54826	
	As found		2.17	5.63	3.72	1.58	11.03	9.35	2.38			
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		54827	
	As found		1.39	3.80	3.48	1.12	8.40	7.28	4.55			

THOS. PARKER, INSPECTOR.

73	As guaranteed	4.0	4.85	10.0					7.0		49877	Meets guarantee.
	As found		3.39	10.18	1.09	0.76	12.03	11.27	8.81			
74	As guaranteed	3.5	4.25	10.0					11.0		49878	
	As found		3.80	9.35	1.72	0.76	11.83	11.07	10.44			
75	As guaranteed			12.5					11.0		49879	
	As found			13.18	1.90	1.12	16.10	14.98	9.26			Low in potash.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF ROCKY

1913.								
April 23	Nitrate of Soda...	49880	Brackman Ker M. Co., Nelson, B.C.	3 lbs.	15	Victoria Chem Co., Victoria B.C.		
"	23 Sulphate of Potash.	49881	"	3 "	15	"		
"	23 Muriate of Potash.	49882	"	3 "	15	"		
"	23 Superphosphate of Lime.	49883	"	3 "	15	"		
"	23 A. Fertilizer...	49884	Swift Canadian Co., Nelson, B.C.	3 "	25	Swift Canadian Co., Edmonton.		
"	25 B. Fertilizer....	49885	"	3 "	25	"		
"	23 C. Fertilizer....	49886	"	3 "	25	"		
"	23 A. Fertilizer....	49887	P. Burns & Co., Nelson, B.C.	3 "	15	P. Burns & Co., Calgary.		
"	23 B. Fertilizer....	49888	P. Burns & Co., Nelson.	3 "	15	P. Burns & Co., Calgary.		
"	23 C. Fertilizer....	49889	"	3 "	15	"		

## DISTRICT OF VASCOUVER—

April 26	B. & M.	53486	Brackman Ker M. Co., Vancouver, B.C.	3 lbs.	Nil.	Vendors...		
"	26 Blood	53487	"	3 "	"	Vanc. Prince Rupert Meat Co., Vancouver, B.C.		Not registered.
"	26 B. Fertilizer...	53488	"	3 "	"	Vict. Chem. Co. Victoria, B.C.		
"	26 Slag	53489	"	3 "	"	"		Not registered.
"	26 Dried Blood...	53490	Brown Bros., Vancouver, B.C.	3 "	"	P. Burns & Co., Vancouver, B.C.		
"	28 A. Fertilizer...	53491	Brackman & Ker, New Westminster, B.C.	3 "	"	Vict. Chem. Co. Victoria, B.C.		
"	28 Nitrate of Soda.	53492	"	3 "	"	"		
"	28 Superphosphate of Lime.	53493	"	3 "	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total : including that of Nitric Acid or Am- monia if present.	Total : Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## MOUNTAINS—Continued.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
77	As guaranteed	15.0	18.2								49880	
	As found		18.20								49881	Meets guarantee.
78	As guaranteed								50.0		49882	"
	As found								49.82		49883	Nearly meets guarantee.
79	As guaranteed								50.0		49884	
	As found								48.55		49885	Meets guarantee.
80	As guaranteed		16.0								49886	Meets guarantee.
	As found		19.18		1.10	20.28	19.18				49887	Low in potash.
341	As guaranteed	4.12	5.0	6.87					12.0		49888	
	As found		5.9	trace.	5.60	2.00	7.60	5.60	9.58		49889	
342	As guaranteed	4.52	5.50	7.32					9.0		49890	Meets essential guarantee.
	As found		5.50	0.17	5.92	1.46	7.55	6.09	9.32		49891	
343	As guaranteed	4.93	6.0	7.78					6.0		49892	"
	As found		6.12	0.42	7.47	2.81	10.70	7.89	7.37		49893	
430	As guaranteed	2.80	3.40	0.26	1.15	13.89	15.30	1.41	3.80		49894	Meets guarantee.
	As found		4.66	0.11	11.47	8.20	19.78	11.58	5.81		49895	
431	As guaranteed	6.10	7.40	0.11	9.28	2.81	12.20	9.39	4.77		49896	Meets guarantee.
	As found		9.23	0.36	8.13	2.56	11.05	8.49	4.82		49897	
432	As guaranteed	5.51	6.81	0.86	3.07	6.67	10.60	3.93	5.71		49898	"
	As found		7.35	0.34	7.26	3.15	10.75	7.60	6.30		49899	

## J. F. POWER, INSPECTOR.

335	As guaranteed		3.5				26.0				53486	Meets guarantee.
	As found		3.56		12.72	13.28	26.10	12.72			53487	* Not registered.
	As found		14.50								53488	
74	As guaranteed	3.5	4.25				10.0		11.0		53489	Meets guarantee.
	As found		3.50				9.53		13.39		53490	
	As found				17.00	1.68	18.68	17.00	80.2		53491	"
603	As guaranteed	12.34	15.0								53492	"
	As found		15.10								53493	"
73	As guaranteed	4.0	4.86				10.0		7.0		53494	"
	As found		4.75				10.38		6.82		53495	"
77	As guaranteed	15.5	18.8								53496	"
	As found		18.30				16.0				53497	"
80	As guaranteed						16.0				53498	"
	As found						19.33				53499	"

\* Manufacturers claim sale as poultry food.

BULLETIN NO. 204

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF								
1913.								
April 28	Blood Fertilizer.	53494	Swift Canadian Co., Eburne, B.C.	3 lbs.	Nil.	Vendors .....		Not registered.
" 28	Unground Tankage Diamond I.	53495	" .....	3 "	"	" .....		
" 28	Rennie's Plant Food.	53496	Rennie & Co., Ltd., Vancouver, B.C.	3 pkgs	40	" .....		
DISTRICT OF VICTORIA—								
April 27	Swift's Animal Fertilizer B.	53572	The Brackman Ker M. Co., Ltd., Victoria, B.C.	3 lbs.	6	Swift's Canadian Co., Ltd., W'peg and Edmonton.		
" 35	Swift's Animal Fertilizer C.	53573	" .....	3 "	6	" .....		
" 25	Swift's Animal Fertilizer D.	53574	" .....	3 "	6	" .....		
" 25	B and K Bone Meal.	53576	" .....	3 "	6	Canadian North Pacific Fisheries Ltd., Victoria, B.C.		
" 25	Whale Guano...	53577	" .....	3 "	6	" .....		No registered number or Analysis on sacks.
" 26	A. Fertilizer....	53578	Victoria Chem. Co., Ltd., Victoria, B.C.	3 "	6½	Vendors .....		
" 26	B. Fertilizer....	53579	" .....	3 "	6½	" .....		
" 26	C Fertilizer....	53580	" .....	3 "	6½	" .....		
" 26	D. Fertilizer....	53581	" .....	3 "	6½	" .....		
" 26	Nitrate of Soda.	53582	" .....	3 "	9	Grace & Co., San Francisco, Cal.		
" 26	Sulphate of Potash.	53583	" .....	3 "	9	Myer, Wilson & Co., San Francisco, Cal.		
" 26	Muriate of Potash.	53584	" .....	3 "	9	" .....		
" 26	Bone Superphosphate of Lime.	53585	" .....	3 "	6½	Victoria Chem. Co., Ltd., Victoria, B.C.		
" 26	Rock Superphosphate of Lime.	53586	" .....	3 "	6½	Mountain Copper Co., San Francisco, Cal.		Vendors stated that this a new fertilizer and has not been registered yet.



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				
VANCOUVER—Continued.												
	As found.....		8.30								53494	Not registered in per report of inspector.
705	As guaranteed.....	4.93	6.0				10.0				53495	
	As found.....		7.40		15.28	11.45	26.73	15.28				Meets guarantee. Excess phosphoric acid above claim.
276	As guaranteed.....		2.5	8.0					2.0		53496	Meets guarantee.
	As found.....		3.40		10.48	1.42	11.90	10.48	5.45			
D. O'SULLIVAN, INSPECTOR.												
707	As guaranteed.....	4.52	5.0				7.32		9.0		53572	Deficiency of potash.
	As found.....		6.40				9.23		3.42			
708	As guaranteed.....	4.93	6.0				7.78		6.0		53573	Meets guarantee.
	As found.....		7.1				9.65		5.15			
344	As guaranteed.....	5.34	6.50	8.24					3.00		53574	Meets guarantee essentially.
	As found.....		6.82		6.81	2.07	8.88	6.81	5.07			
355	As guaranteed.....		3.5				25.0				53576	Meets guarantee.
	As found.....		3.30		12.58	13.15	25.73	12.58				
689	As guaranteed.....	10.30	12.50								53577	Meets guarantee, as assumed; but not properly tagged.
	As found.....		13.35									
73	As guaranteed.....	4.0	4.9	10.0					7.0		53578	Meets guarantee.
	As found.....		4.37	9.83	0.51	0.51	10.86	10.34	7.62			
74	As guaranteed.....	3.5	4.25	10.0					11.0		53579	Meets guarantee nearly.
	As found.....		4.2	9.85	1.05	0.60	11.50	10.90	10.11			
75	As guaranteed.....			12.5					11.0		53580	Deficient in potash.
	As found.....			14.75	0.31	0.97	16.03	15.06	8.52			
76	As guaranteed.....	2.5	3.04	10.0					11.0		53581	Meets guarantee.
	As found.....		2.97	10.18	0.07	0.60	10.65	10.25	11.05			
77	As guaranteed.....	15.5	18.8								53582	Meets guarantee.
	As found.....		18.00									
78	As guaranteed.....								50.0		53583	Meets guarantee.
	As found.....								49.25			
79	As guaranteed.....								50.0		53584	Meets guarantee.
	As found.....								54.36			
80	As guaranteed.....			16.0							53585	Meets guarantee.
	As found.....			17.20		0.28	17.48	17.20				
	As found.....						16.0				53586	Meets guarantee
							18.93					